

NO-A165 669 500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWA. (U) WASHINGTON HEADQUARTERS SERVICES (DOD) DC DIRECTORATE FOR INF. 1985 1/1  
UNCLASSIFIED DIOR/P02-85 F/G 5/1 NL

500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF  
PRIME CONTRACT AWA. (U) WASHINGTON HEADQUARTERS  
SERVICES (DOD) DC DIRECTORATE FOR INF. 1985  
DIOR/P02-85 F/G 5/1

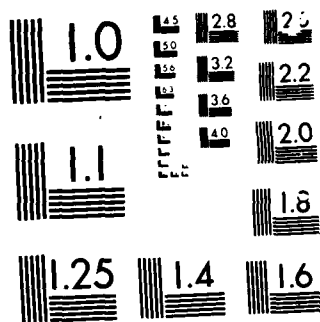
1/1

UNCLASSIFIED

F/G 5/1

NL

[illegible]



MICROCOPY RESOLUTION TEST CHART

DIAR/PO2-85

P02

(12)

**500 CONTRACTORS  
RECEIVING THE LARGEST DOLLAR VOLUME  
OF PRIME CONTRACT AWARDS  
FOR RDT&E**

AD-A165 669

Fiscal Year 1985

DTIC  
ELECTE  
MAR 24 1986  
S D



DTIC

**DISTRIBUTION STATEMENT A**  
Approved for public release  
Distribution Unlimited

*Annual*

86 3 24 021

# **500 CONTRACTORS RECEIVING THE LARGEST DOLLAR VOLUME OF PRIME CONTRACT AWARDS FOR RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**

**Fiscal Year 1985**

Department of Defense  
Washington Headquarters Services  
Directorate for Information  
Operations and Reports

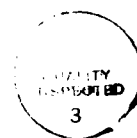
~~For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402~~  
DTIC NTIS identification number for this publication is DIOR/PO2-85/01

## FOREWORD

*500 Contractors Receiving the Largest Dollar Volume of Prime Contract Awards for Research, Development, Test and Evaluation (RDT&E)* is published annually. This report provides information on the 500 contractors that received the largest dollar volume in Department of Defense (DOD) prime contract awards over \$25,000 for RDT&E. These data are presented in five tables showing:

1. An alphabetical listing of the top 500 companies, with rank;
2. The ranking of and net value of awards to business firms operating in the United States;
3. The ranking of and net value of awards to educational and other nonprofit institutions operating in the United States;
4. The ranking of and net value of awards to foreign contractors; and
5. The ranking of and net value of awards to U.S. Government agencies.

Accession For	
NTIS CRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution /	
Availability Codes	
Dist	Avail and/or Special
A-1	



## TABLE OF CONTENTS

<i>Introduction . . . . .</i>	<i>1</i>
-------------------------------	----------

### *Tables:*

<i>Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation . . . . .</i>	<i>7</i>
<i>Table 2. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&amp;E to Business Firms . . . . .</i>	<i>13</i>
<i>Table 3. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&amp;E to Educational and Non-profit Institutions . . . . .</i>	<i>29</i>
<i>Table 4. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&amp;E to Foreign Contractors . . . . .</i>	<i>33</i>
<i>Table 5. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&amp;E to U.S. Government Agencies . . . . .</i>	<i>35</i>

## INTRODUCTION

This report presents summary data on the 500 prime contractors receiving the largest dollar volume in Department of Defense (DOD) awards over \$25,000 for research, development, test, and evaluation (RDT&E) work during Fiscal Year (FY) 1985. RDT&E work can include research, exploratory development, advanced development, engineering development, operational systems development, or management and support services. (Full definitions for each of these categories are provided in DFARS 35.001.)

Table 1 (page 7) lists the 500 contractors in alphabetical order, shows the ranking for each, and shows how each has been categorized for reporting purposes. The categories are business firm (B), foreign contractor (F), and nonprofit institution (N). Table 2 (page 13) shows the net value of awards to business firms operating in the United States, by rank. Those firms which qualify as small businesses are further identified by an "S". The net value of awards to each of the firm's individual locations is also provided. Tables 3, 4, and 5 (pages 29, 33, and 35, respectively) provide the net value of awards to educational and other nonprofit institutions operating in the United States, foreign contractors, and U.S. government agencies, respectively. (While awards to U.S. government agencies are listed separately in Table 5, these agencies are categorized as nonprofit institutions in Table 1.) As in Table 2, contractors in Tables 3 through 5 are shown by rank, along with the net value of awards to each of the contractor's individual locations.

## NOTES ON COVERAGE

The dollar amounts shown here include prime contract awards over \$25,000 for RDT&E work only. Data on awards for other services, such as training, and on any supplies furnished by the contractors in support of research being done are excluded. Contract awards for civil functions have been included in these data. Civil functions encompass planning, programming, designing, constructing, and operating Federal water resource projects for navigation, flood control, hydroelectric power production, water supply, and other related activities.

The locations shown in the tables are the places where the work was to be performed. Normally, this is a facility of the concern awarded the contract. However, if the work was scheduled to be performed at a Defense facility, such as an Air Force base, the location shown is that of the Defense facility rather than the contractor.

DATA RELATING TO COMPANIES IN THIS PUBLICATION ARE SUBJECT TO THE ACCURACY OF THE DUN & BRADSTREET CORPORATION'S DATA UNIVERSAL NUMBERING SYSTEM AND ITS ABILITY TO DESCRIBE RELATIONSHIPS OF COMPANIES.

## HIGHLIGHTS

The following table shows the net value and percent distribution of all RDT&E awards, RDT&E awards to the top 500 companies, and all other RDT&E awards for FY 1985.

## Department of Defense Prime Contract Awards Over \$25,000 Fiscal Year 1985

TYPE OF CONTRACTOR	TOTAL RDT&E			TOP 500 RDT&E			ALL OTHER RDT&E		
	NUMBER	AWARDS (\$000)	% OF TOTAL \$	NUMBER	AWARDS (\$000)	% OF TOTAL \$	NUMBER	AWARDS (\$000)	% OF TOTAL \$
RDT&E - TOTAL	2,336	18,938,442	100	500	18,429,077	100	1,836	509,365	100
BUSINESS FIRMS	1,923	16,375,443	86	390	15,958,932	87	1,533	416,511	82
Small	1,395	1,156,892	6	179	846,805	5	1,216	310,077	61
Large	528	15,218,551	80	211	15,112,127	82	317	106,434	21
EDUCATIONAL & NONPROFIT	324	2,477,528	13	95	2,395,536	13	229	81,992	16
Educational	242	1,289,266	7	71	1,221,703	7	171	67,563	13
Other Nonprofit	82	1,188,262	6	24	1,173,833	6	58	14,429	3
U.S. GOVERNMENT AGENCIES	13	21,167	*	6	19,123	*	7	2,044	*
FOREIGN	76	64,304	*	9	55,486	*	67	8,818	2

Based on the percentage of total awards, the distribution of FY 1985 awards varies only slightly from that in FY 1984. In FY 1985, the top 500 contractors included 390 U.S. business firms (179 of which were small businesses); 95 educational and nonprofit institutions; 6 U.S. government agencies; and 9 foreign contractors.

In FY 1984 the top 500 consisted of 382 business firms (192 were small businesses); 112 educational and nonprofit institutions; 4 U.S. government agencies; and 2 foreign contractors.

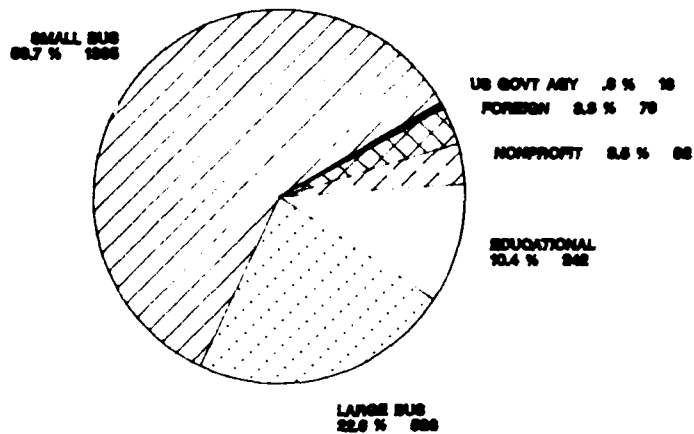
In addition to the top 500 contractors, there were 1,836 other contractors for whom RDT&E procurement actions over \$25,000 were reported, for a total of 2,336 contractors for FY 1985. In FY 1984, the total number of contractors was 2,033. The top 500 RDT&E contractors received awards totaling \$18,429 million in FY 1985, compared to \$17,958 million in FY 1984, an increase of \$471 million or 2.6 percent. The \$18,429 million represents 97.3 percent of the \$18,938 million total prime contract awards over \$25,000 for RDT&E work in FY 1985.

Of the 34 contractors with RDT&E awards of \$100 million or more in FY 1985, 29 were business firms and 5 were educational and other nonprofit institutions. These 34 contractors had a total of \$13,510 million in RDT&E awards. In FY 1984, there were 36 contractors who reached the \$100 million plateau, with awards totaling \$13,965 million. Of these 36 contractors, 31 were business firms and 5 were educational and other nonprofit institutions. The amount of awards for this \$100 million group decreased by \$455 million or 3.3 percent between FY 1984 and 1985.

Breakout of the type of contractors receiving RDT&E awards are shown in the charts on the next page. Both charts show the total number of firms and their associated percentages.

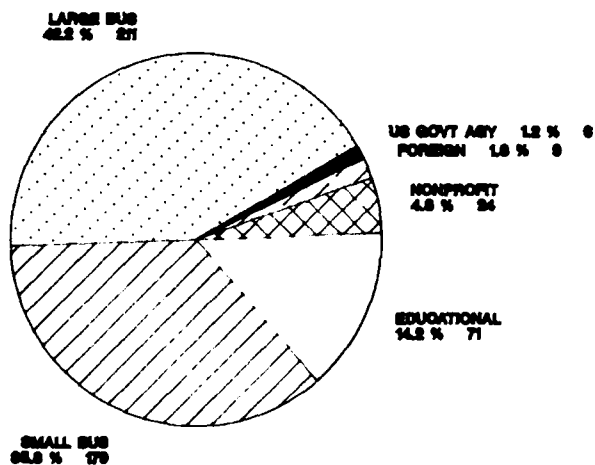


# **TOTAL CONTRACTORS RECEIVING RDT&E DOLLARS** **Fiscal Year 1985**



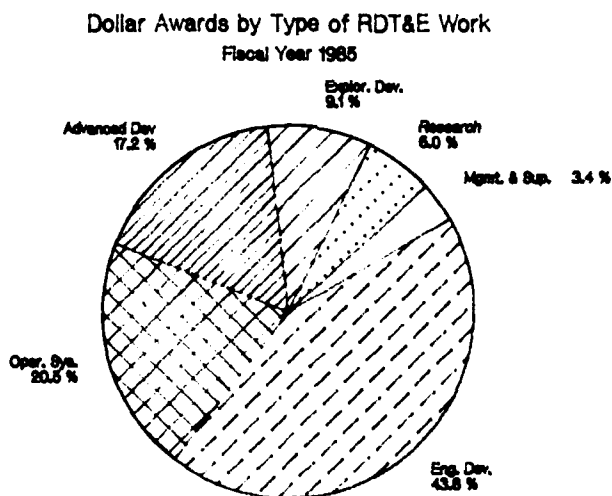
Total Number of Firms = 2,336

## **TOP 500 CONTRACTORS - RDT&E** **Fiscal Year 1985**



The following table shows the type of RDT&E work the contractors were engaged in and the net value and percent distribution of all awards for each of these types in FY 1985. Engineering development accounted for the majority (43.8 percent) of RDT&E awards, followed by operational systems (20.5 percent).

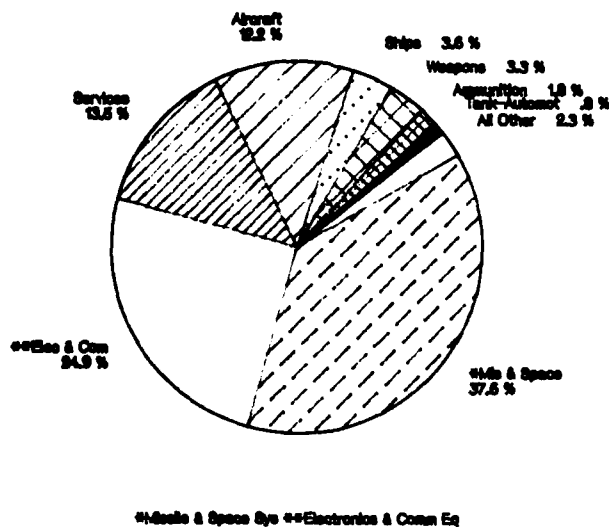
TYPE	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$18,938,442	100.0
Engineering Development	8,288,055	43.8
Operational Systems	3,885,310	20.5
Advanced Development	3,258,805	17.2
Exploratory Development	1,716,289	9.1
Research	1,141,697	6.0
Management and Support	648,286	3.4



The following table shows the net value and percent distribution of all RDT&E awards by type of program. Within the RDT&E contracts, the largest volume of awards was for the research, development, test, or evaluation of missile & space systems and electronics & communications equipment. In FY 1985, a combined total of \$11,837 million or 62.5 percent of all RDT&E awards over \$25,000 was for work connected with these programs.

PROGRAM	AWARDS (\$000)	PERCENT OF TOTAL
RDT&E - TOTAL	\$18,938,442	100.0
Missile & Space Systems	7,118,970	37.6
Electronics & Communication Equipment	4,717,862	24.9
Services	2,565,443	13.5
Aircraft	2,303,776	12.2
Ships	680,109	3.6
Weapons	625,776	3.3
Ammunition	346,467	1.8
Tank-Automotive	142,151	.8
All Other	437,888	2.3

RDT&E Dollar Awards by Type of Program  
Fiscal Year 1985



**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1985**

RANK LIST *	CONTRACTOR	RANK LIST *	CONTRACTOR
72 B	A A I CORPORATION	196 B	AUTOMATION INDUSTRIES INC
267 F	A S CONGSEBERG FABRIKK	26 B	AVCO CORPORATION
45 B	A I & T TECHNOLOGIES INC	435 B	AYDIN CORPORATION
144 B	ACUREX CORPORATION	127 B	BALL CORPORATION
245 B	ADAPTIVE OPTICS ASSOCIATES INC	82 N	BATTELLE MEMORIAL INSTITUTE
421 B	ADC TELECOMMUNICATIONS INC	254 B	BATTELLE-COLUMBUS LABORATORS
296 B	ADVANCED DIGITAL SYSTEM INC	39 B	BDM CORPORATION THE
293 B	ADVANCED INFO DECISION SYSTEMS	145 B	BEECH AIRCRAFT CORPORATION
419 B	ADVANCED RES/AFLINS CP	363 B	BEI ELECTRONICS INC
186 B	ADVANCED TECHNOLOGY INC	268 B	BELL AEROSPACE TEXTRON
46 B	AEROMET STRATEGIC PROPULSION	56 B	BELL HELICOPTER TEXTRON INC
176 B	AEROMET TECHSYSTEMS CO	111 B	BELL TELE LABS
55 B	AEROMET-GENERAL CORPORATION	36 B	BELL-BOEING
339 B	AEROMET INC	69 B	BENDIX CORPORATION THE
19 N	AEROSPACE CORPORATION THE	90 B	BENDIX FIELD ENGINEERING CORP
356 B	ALL-BANN ENTERPRISES INC	331 B	BERKELEY RESEARCH ASSOC
249 B	ALLEN CORPORATION OF AMERICA	409 B	BETAC CORPORATION
206 B	ALLIED SIGNAL CORP	2 B	BOEING COMPANY THE
487 B	ALPHATECH INC	77 B	BOLT BEPANAK AND NEUMAN INC
368 B	AMERICAN ELECTRONIC LABS	89 B	500Z ALLEN & HAMILTON INC
93 B	AMEX SYSTEMS INC	278 N	BOSTON UNIVERSITY TRUSTEES
451 B	AMPEX CORPORATION	286 N	BROWN UNIV
446 B	ANACAPA SCIENCES INC	360 B	BRUNSWICK CORPORATION
257 B	ANALYSIS & COMPUTER SYSTEMS	177 B	BUNKER RAMO CORPORATION
252 B	ANALYSIS & TECHNOLOGY INC	102 B	BURROUGHS CORPORATION
471 B	ANALYTIC DECISION INCORPORA	380 B	C A I DIV OF RECON OPTICAL
106 B	ANALYTIC SCIENCES CORP THE	319 B	C A S INC
106 N	ANALYTIC SERVICES INC	499 B	C N R INC
429 F	ANALYTICAL ASSESSMENTS CORP	386 B	C3CM TEST ENGINEERING SUPPORT
280 B	ANALYTICAL SYSTEMS ENGRG	347 B	CACI INC
120 B	ANALYTICS INCORPORATED	237 B	CALCULON U S CORPORATION
236 B	ANALYTIX ELECTRONIC SYSTEMS	213 N	CALIFORNIA INST TECHNOLOGY
434 B	ANAMET LABS INC	276 B	CALIFORNIA MICROWAVE INC
346 B	APPLICATIONS RESEARCH CORP	198 B	CALIFORNIA RES & TECHNOLOGY
318 B	APPLIED RESEARCH ASSOCIATES	48 B	CALSPAN CORPORATION
357 B	APPLIED RESEARCH INC	80 F	CANADIAN COMMERCIAL CORPORATN
442 B	APPLIED SCIENCE ASSOCIATES INC	76 N	CARNEGIE MELLON UNIVERSITY
465 B	APPLIED SIGNAL TECH INC	343 N	CASE WESTERN RESRV UNVRSTY
378 B	APTEK INC	446 B	CELCO INDUSTRIES INC
239 B	APES INC	305 B	CHAMBERLAIN MANUFACTURING CORP
369 B	ARETE ASSOCIATES	155 B	CINCINNATI ELECTRONICS CORP
153 B	ARGOSYSTEMS INC	226 B	CLASSIFIED
227 B	ARINC RESEARCH CORPORATION	225 B	COLSA INC
349 N	ARIZONA STATE UNIVERSITY	187 B	COMMAND CNTRL & COMM CORP
492 B	ARMED DEFENSE PRODUCTS INC	135 B	COMMUNICATION MFG COMPANY
162 B	ASSURANCE TECHNOLOGY CORP	242 B	COMPTON RESEARCH INC
432 B	ATLANTIC ANALYSIS CORPORATION	273 B	COMPUTER CORPORATION OF AMER
78 B	ATLANTIC RESEARCH CORPORATION	49 B	COMPUTER SCIENCES CORPORATION
410 N	AUGER UNIVERSITY	472 B	COMPUTER TECHNOLOGY ASSOC
303 B	AUTOMATED SCIENCES GROUP INC	441 F	CONTROL DATA CANADA LIMITED

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1985**

RANK LIST *	CONTRACTOR	RANK LIST *	CONTRACTOR
91 B	CONTROL DATA CORPORATION	493 B	FLAM & RUSSELL INC
373 B	CONTROL DYNAMICS COMPANY	477 B	FLIGHT SYSTEMS INC
190 N	CORNELL UNIVERSITY	467 N	FLORIDA STATE UNIVERSITY
117 B	CUBIC CORPORATION	175 B	FLOR GENERAL INC
160 B	CUMMINS ENGINE COMPANY INC	70 B	FMC CORPORATION
453 B	DECISION PLANNING CORPORATION	23 B	FORD AEROSPACE COMMUNICATIONS
376 B	DEFENSE SYSTEMS INC	185 B	FOSTER MILLER INC
265 B	DEL REY SYSTEMS INC	427 B	FREQUENCY ELECTRONICS INC
430 B	DELTA RESEARCH INC	188 B	G A TECHNOLOGIES INC
359 B	DESIGN ENGINEERING LABS	317 F	G E C AVIONICS LTD
494 B	DIGICOMP RESEARCH CORP	340 B	GARD INC
169 B	DIGITAL EQUIPMENT CORPORATION	59 B	GARRETT CORPORATION THE
413 B	DONALDSON COMPANY INC	408 B	GENERAL ATOMIC
214 B	DOW CORNING CORPORATION	9 B	GENERAL DYNAMICS CORPORATION
17 B	DRAPER CHARLES STARK LAB	4 B	GENERAL ELECTRIC COMPANY
418 N	DUKE UNIVERSITY	75 B	GENERAL MOTORS CORPORATION
454 B	DUN AND BRADSTREET CORP	370 B	GENERAL OFFSHORE CORPORATION
116 B	DYNALECTRON CORPORATION	134 B	GENERAL RESEARCH CORPORATION
110 B	DYNAMAC CORPORATION	495 B	GENSOFT CORPORATION
231 B	DYNAMICS RESEARCH CORPORATION	194 B	GEN-CENTERS INC
363 B	DYNAMICS TECHNOLOGY	174 B	GEODYNAMICS CORP
272 B	DYNATICS INC	358 B	GEOMET TECHNOLOGIES INC
233 B	E C CORPORATION THE	342 N	GEORGETOWN UNIVERSITY
113 B	E G G WASH ANALYTICAL SVS CTR	264 N	GEORGIA INSTITUTE TECHNOLOGY
390 B	E I C LABORATORY INC	71 B	GEORGIA TECH RESEARCH CORP
391 B	E-BEAM DATA SYSTEMS INC	54 B	GLOBAL ASSOC A JOINT VENTURE
101 B	E-SYSTEMS INC	50 B	GOODYEAR AEROSPACE CORPORATION
171 B	EAGLE TECHNOLOGY INC	202 B	GOULD INC
161 B	EARTH TECHNOLOGY CORPORATION	11 B	GRUMMAN AEROSPACE CORPORATION
47 B	EATON CORPORATION	385 B	GTE COMMUNICATION SYSTEMS CORP
244 B	EDO CORPORATION	422 B	GTE LABORATORIES INC
167 B	EG&G INC	32 B	GTE PRODUCTS CORPORATION DEL
464 B	ELECTROMAGNETIC TECHNOLOGY INC	27 B	GTE SERVICE CORPORATION
423 B	ELECTROMECHANICAL SYSTEMS INC	131 B	GTE SYLVANIA INC
295 B	ELECTRONIC DECISIONS INC	445 B	GUILD ASSOCIATES INC
165 B	ELECTRONIC WARFARE ASSOC	463 B	GULF & WESTERN INDUSTRIES INC
118 B	ELECTROSPACE SYSTEMS INC	34 B	HARRIS CORPORATION
193 B	EMERSON ELECTRIC CO	364 B	HARSCO CORPORATION
354 N	EMMANUEL COLLEGE	248 N	HARVARD UNIVERSITY
407 B	ENGINEERING ECONOMIC RESEARCH	449 B	HAYES INTERNATIONAL CORP
271 B	ENSCO INC	62 B	HAZELTINE CORPORATION
157 B	ENVIRONMENTAL RES INST MICM	403 F	HECKLER & KOCH INC
42 B	ESL INC	275 B	HELIONETICS INC
377 B	ESSEX CORPORATION	31 B	HERCULES INCORPORATED
66 B	FAIRCHILD INDUSTRIES INC	22 B	HONEYWELL INC
204 B	FAIRCHILD WESTON SYSTEMS INC	179 B	HORIZONS TECHNOLOGY INC
480 B	FALK CORPORATION THE	140 B	HRP-SINGER INC
323 B	FIBER MATERIALS INC	86 N	HUDSON INSTITUTE INC
400 B	FIBER TECHNOLOGY CO	10 B	HUGHES AIRCRAFT COMPANY
33 B	FIOGIE INTERNATIONAL INC	414 B	HUGHES/LOGAL CO

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1985**

RANK LIST *	CONTRACTOR	RANK LIST *	CONTRACTOR
429 B	HUMAN FACTORS RESEARCH	316 B	LOCUS INC
218 N	HUMAN RESOURCES RES ORGANIZIN	57 B	LOGICON INC
243 B	HYCOR INC	164 N	LOGISTICS MANAGEMENT INST
61 N	I I T RESEARCH INSTITUTE	335 B	LORAL ELECTRO OPT SYS
443 B	I M R SYSTEMS CORP	189 B	LORAL ELECTRONICS CORP
372 B	I R T CORPORATION	28 B	LTV AEROSPACE & DEFENSE CO
398 B	IMPERIAL AVIATION INC	109 B	LTV CORPORATION THE
173 B	INCO INC	381 B	LUCAS INDUSTRIES INC
325 B	INFORMATION DEV APPLICATIONS	476 B	M S B SYSTEMS INC
470 B	INFOTEC DEVELOPMENT INC	150 B	M/A COM LINKABIT INC
212 B	INGERSOLL-RAND COMPANY	401 B	M/A-COM INC
63 N	INSTITUTE FOR DEF ANALYSES	336 B	MAC AULAY-BROWN INC
395 B	INTEGRATED SYSTEMS ANALYSTS	64 B	MAGNAVOX
492 B	INTERACTIVE TELEVISION CO	308 B	MAGNAVOX ADVANCE PROD SYS CO
498 B	INTERCON SYSTEMS CORPORATION	251 B	MAGNAVOX SIGNAL SYSTEMS JR
475 B	INTERGRAPH CORPORATION	320 B	MAR INCORPORATED
148 B	INTERMETRICS INC	215 B	MARQUARDT CO INC
7 B	INTERNATIONAL BUSINESS MCHS	3 B	MARTIN MARIETTA CORPORATION
262 B	INTERNAIL PUBLIC PLCY RESRCH	232 F	MARTIN-BAKER AIRCRAFT CO LTD
481 F	ISRAEL MILITARY INDUSTRIES	14 N	MASSACHUSETTS INST TECHNOLOGY
94 B	ITEK CORPORATION	208 N	MASSACHUSETTS UNIVERSITY OF
24 B	ITT CORPORATION	393 B	MAXIMA CORPORATION THE
122 B	ITT WESTINGHOUSE	103 B	MAXWELL LABORATORIES INC
115 B	JAYCOR	387 N	MAYO FOUNDATION
18 N	JOHNS HOPKINS UNIVERSITY	5 B	MC DONNELL DOUGLAS CORPORATION
67 B	JOINT VENTURE OF MDTT	123 B	MC DONNELL DOUGLAS HELICOPTER
182 B	JRB ASSOCIATES	458 B	MC MULLEN JOHN J ASSOCIATES
284 B	K M S FUSION INC	180 B	MEDLEY TOOL AND MODEL INC
184 B	KAISER HENRY J CO	258 B	METEOR COMMUNICATIONS CORP
355 B	KAMAN AEROSPACE CORPORATION	392 N	MICHIGAN STATE UNIVERSITY
73 B	KAMAN SCIENCES CORPORATION	369 B	MINNESOTA MINING & MFG CO
462 B	KARAGOZIAN & CASE	133 B	MISSION RESEARCH CORPORATION
405 B	KERNCO INC	21 N	MITRE CORPORATION THE
500 B	KETRON INC	496 B	MNEMONICS INC
351 B	KOHLER CO	35 B	MORTON THIOKOL INC
330 B	KOLLMORGEN CORPORATION	37 B	MOTOROLA INC
452 B	KTECH CORPORATION	298 B	MIS SYSTEMS
397 B	L GARDE INC	384 B	N K F ENGINEERING ASSOCIATES
424 N	LA JOLLA INSTITUTE	163 N	NAT AERONAUTICS & SPACE ADMIN
100 B	LEAR SIEGLER INC	170 N	NATIONAL ACADEMY OF SCIENCES
411 N	LEHIGH UNIVERSITY	483 N	NATIONAL ARNICS SPC ADMINSTRIN
172 B	LIGHT HELICOPTER TURBINE ENGI	478 N	NATIONAL BUREAU OF STANDARDS
152 B	LITTLE ARTHUR D INC	436 N	NATIONAL SCIENCE FOUNDATION
474 B	LITTLE PEOPLES PRODUCTIVITY CTR	489 B	NATIONAL TECHNICAL SYSTEMS INC
469 B	LITTON INDUSTRIES INC	332 N	NEW MEXICO INST MNG & TCHNLGY
43 B	LITTON SYSTEMS INC	114 N	NEW MEXICO STATE UNIVERSITY
29 B	LOCKHEED CORPORATION	311 B	NEW TECHNOLOGY INC
310 B	LOCKHEED ELECTRONICS COMPANY	290 N	NEW YORK UNIVERSITY
322 B	LOCKHEED ENGRG & MGT SVS CO	379 B	NEWPORT NEWS SHIPBLDG DRYCK
1 B	LOCKHEED MISSILES & SPACE CO	130 B	NICHOLS RESEARCH CORP INC

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors  
for Research, Development, Test, and Evaluation Work: FY 1985**

RANK LIST *	CONTRACTOR	RANK LIST *	CONTRACTOR
230 B	NL INDUSTRIES INC	341 B	RESEARCH FOUNDATN ST UNIVER NY
88 B	NORDEN SYSTEMS INC	279 B	RESEARCH TRIANGLE INSTITUTE
302 N	NORTH CAROLINA STATE UNIV	259 B	RIVERSIDE RESEARCH INSTITUTE
348 N	NORTHEASTERN UNIVERSITY CORP	399 B	RMS TECHNOLOGIES INC
85 B	NORTHROP CORPORATION	402 B	ROBOT DEFENSE SYSTEMS INC
371 N	NORTHWESTERN UNIVERSITY	6 B	ROCKWELL INTERNATIONAL CORP
247 B	NUMAX ELECTRONICS INCORPORATED	468 B	ROHM AND HAAS COMPANY
219 B	O A O CORPORATION	396 B	ROLLS-ROYCE INC
191 B	O R I INC	240 F	ROYAL NORWEGIAN NAVY MATERIAL
334 N	OHIO STATE UNIVERSITY RESRCH	485 N	RUTGERS THE STATE UNIVERSITY
352 N	OKLAHOMA STATE UNIV AP SC	238 B	S D C INTEGRATED SERVICES
486 B	OLIN CORPORATION	353 B	S SYSTEMS CORPORATION
321 B	ONAN CORPORATION	132 B	S-CUBED
465 B	ONEIDA RESOURCES INC	241 B	SACHS-FREEMAN ASSOCIATES INC
217 B	OPTIMETRICS INC	52 B	SANDERS ASSOCIATES INC
326 N	OREGON STATE UNIVERSITY	178 B	SANTA BARBARA
456 B	ORLANDO TECHNOLOGY INC	473 P	SANTA MONICA BANK
199 B	P D A ENGINEERING	281 B	SARGENT FLETCHER COMPANY
455 B	PACCAR INC	158 B	SCHAFFER W J ASSOCIATES INC
288 B	PACER SYSTEMS INC	285 B	SCI TEC INC
137 B	PACIFIC SIERRA RESEARCH CORP	412 B	SCIENCE & ENGINEERING ASSOC
460 B	PALL CORPORATION	229 B	SCIENCE APPLICATIONS INC
166 B	PAR TECHNOLOGY CORPORATION	40 B	SCIENCE APPLICATIONS INTL
84 N	PENNSYLVANIA STATE UNIVERSITY	362 B	SCIENTIFIC SYSTEMS INC
183 B	PERCEPTRONICS INC	488 B	SCIENTIFIC-ATLANTA INC
151 B	PERKIN-ELMER CORPORATION THE	309 B	SCOPE INCORPORATED
261 B	PHYSICAL RESEARCH INC	444 B	SEACO INC
382 B	PHYSICAL SCIENCES INC	294 B	SEMCOR INC
105 B	PHYSICS INTERNATIONAL COMPANY	394 B	SHIP ANALYTICS INC
246 B	PIASECKI AIRCRAFT CORP	315 B	SIGNAL SCIENCE INC
95 B	PLANNING RESEARCH CORPORATION	38 B	SINGER COMPANY THE
307 B	PLANNING SYSTEMS INC	154 B	SOITECH INC
457 B	POLAR RESEARCH LABORATORY INC	361 B	SOFTWARE ARCHITECTURE & ENGRG
356 N	POLYTECHNIC INSTITUTE OF NY	108 B	SOLAR TURBINES INCORPORATED
292 B	PRC PUBLIC MANAGEMENT SVS	484 B	SONALYSTS INC
497 B	PRESEARCH INCORPORATED	125 B	SONICRAFT INC
250 N	PRINCETON UNIVERSITY	221 N	SOUTHEASTERN CNT ELEC ENG EDUC
367 B	PROPRIETARY SOFTWARE SYSTEMS	228 B	SOUTHERN RESEARCH INSTITUTE
345 B	PULSE SCIENCES INC	121 N	SOUTHWEST RESEARCH INSTITUTE
270 N	PURDUE UNIVERSITY	30 B	SPACE COMMUNICATION COMPANY
112 B	QUESTECH INC	192 B	SPACE DATA CORPORATION
65 B	R & D ASSOCIATES	138 B	SPARTA INC
440 B	RADIAN CORPORATION	253 B	SPARTON CORPORATION
79 N	RAND CORPORATION THE	450 B	SPECTRON DEVELOPMENT LABS
15 B	RAYTHEON COMPANY	12 B	SPERRY CORPORATION
491 B	RAYTHEON SERVICE COMPANY	68 B	SRI INTERNATIONAL
415 B	RAYTHEON-NORTHROP INUS JNT VNTR	360 B	SRS TECHNOLOGIES INC
20 B	RCA CORPORATION	74 B	STANFORD LELAND JR UNIVERSITY
149 B	REFLECTONE INC	256 N	STANFORD RES. INSTITUTE
266 N	RENSSELAER POLYTECHN. INST	146 B	STANFORD TELE INC

B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution

**Table 1. Alphabetical Listing of the Top 500 DOD Prime Contractors for Research, Development, Test, and Evaluation Work: FY 1985**

RANK LIST *	CONTRACTOR	RANK LIST *	CONTRACTOR
53 B	SVERDRUP TECHNOLOGY INC	274 N	UNIVERSITY OF ARIZONA
97 B	SYGNETRON PROTECTION SYSTEMS	51 B	UNIVERSITY OF CALIFORNIA
216 B	SYNOPTIC SYSTEMS CORP	701 N	UNIVERSITY OF COLORADO
259 B	SYRACUSE RESEARCH CORP	99 N	UNIVERSITY OF DAYTON
420 N	SYRACUSE UNIVERSITY	222 N	UNIVERSITY OF FLORIDA
209 B	SYSCON CORPORATION	366 N	UNIVERSITY OF HAWAII
60 B	SYSTEM DEVELOPMENT CORPORATION	135 N	UNIVERSITY OF ILLINOIS
197 B	SYSTEM PLANNING CORPORATION	337 N	UNIVERSITY OF IOWA INC THE
107 B	SYSTEMS & APPLIED SCIENCES	141 N	UNIVERSITY OF MARYLAND INC
205 B	SYSTEMS EXPLORATION INC	299 N	UNIVERSITY OF MIAMI INC
404 B	SYSTEMS PLANNING & ANALYSIS	211 N	UNIVERSITY OF MICHIGAN
87 B	SYSTEMS RESEARCH LABORATORIES	282 N	UNIVERSITY OF MINNESOTA
375 B	SYSTRAN CORP	119 N	UNIVERSITY OF NEW MEXICO THE
126 B	T R W ELECTRONIC PRODUCTS INC	406 N	UNIVERSITY OF NORTH CAROLINA
210 B	T S C INC	200 N	UNIVERSITY OF PENNSYLVANIA
365 B	TALLEY DEFENSE SYSTEMS INC	304 N	UNIVERSITY OF PITTSBURGH
438 B	TECH REPS INCORPORATED	291 N	UNIVERSITY OF RHODE ISLAND
129 B	TECHDYN SYSTEMS CORPORATION	277 N	UNIVERSITY OF ROCHESTER
220 B	TECHNOLOGY DEVLPMT/CAL NC	81 N	UNIVERSITY OF SOUTHERN CAL
314 B	TECHNOLOGY INCORPORATED	68 N	UNIVERSITY OF TEXAS SYSTEM
417 B	TECHPLAN CORP	235 N	UNIVERSITY OF UTAH
234 B	TELEDYNE CONTINENTAL MOTORS	104 N	UNIVERSITY OF WASHINGTON
328 B	TELEDYNE ENERGY SYSTEMS	168 N	UNIVERSITY OF WISCONSIN SYS
44 B	TELEDYNE INC	490 B	URS-BERGER
92 B	TELEDYNE INDUSTRIES INC	128 N	UTAH STATE UNIVERSITY
459 B	TETRA TEK INC	313 B	VARIAN ASSOCIATES INC
287 B	TETRA TECH INC	181 B	VECTOR RESEARCH COMPANY INC
255 N	TEXAS A & M UNIVERSITY SYSTEM	289 B	VEDA INCORPORATED
25 B	TEXAS INSTRUMENTS INCORPORATED	374 B	VER VAL ENTERPRISES INC
159 B	TEXTRON INC	203 B	VERAC INCORPORATED
224 N	THE SALK INST F/BIOLOGICAL STD	260 N	VIRGINIA POLYTECHNIC INST
327 B	THINKING MACHINE CORP	324 B	VISIDYNE INC
312 B	TITAN SYSTEMS INC	143 B	VITRO CORPORATION
99 B	TRACTOR INC	207 B	VITRONICS INC
263 N	TRUSTEES COLUMBIA UNVRSTY	425 B	VREULS RESEARCH CORPORATION
125 N	TRUSTEES OF COLUMBIA UNIV	447 B	VSE CORPORATION
13 B	TRU INC	461 B	WALLACE & CO
419 B	TRU MED/INEUS	297 B	WASHINGTON BOOKER T FOUNDATIN
425 B	TSC CORPORATION	437 B	WATKINS-JOHNSON COMPANY
305 B	TVI ENERGY CORPORATION	283 B	WEIDLINGER ASSOCIATES INC
333 N	U S DEPARTMENT OF COMMERCE	300 N	WENTWORTH INST TECHNOLOGY
479 B	U T D INC	147 B	WESTERN RESEARCH CORPORATION
156 B	U T L CORPORATION	8 B	WESTINGHOUSE ELECTRIC CORP
83 B	ULTRASYSTEMS INCORPORATED	433 B	WESTON ROY F INC
124 B	UNIDYNAMICS CORPORATION	41 B	WILLIAMS INTERNATIONAL CORP
401 F	UNITED KINGDOM MINISTRY DEFE	139 N	WOODS HOLE OCEANOGRAPHIC INSTN
444 N	UNITED STATES DEPT ENERGY	431 B	WYLE LABORATORIES
19 B	UNITED TECHNOLOGIES CORP	338 B	XEROX CORPORATION
141 B	UNIVERSAL ENERGY SYSTEMS INC	329 B	XONTECH INC
444 N	UNIVERSITY OF ALABAMA	223 N	YALE UNIVERSITY

\* B = Business Firm  
F = Foreign Contractor  
N = Nonprofit Institution



**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
1	LOCKHEED MISSILES & SPACE CO	1,529,759 *		MC DONNELL DOUGLAS CORPORATION	
	Huntsville Alabama	4,012		St. Louis Missouri	424,930
	Palo Alto California	22,397		New York New York	65
	Redondo Beach California	2,500		Bergstrom AFB Texas	900
	Santa Clara California	1,833			
	Sunnyvale California	1,330,510	6	ROCKWELL INTERNATIONAL CORP	624,753 *
	Linthicum Heig Maryland	843		Anaheim California	190,874
	Mercury Nevada	150		Downey California	6,165
	Sunspot New Mexico	50		Edwards AFB California	54
	Austin Texas	167,404		El Segundo California	545
2	BOEING COMPANY THE	1,069,942 *		Los Angeles California	248,353
	Huntsville Alabama	6,710		Seal Beach California	71,836
	Wichita Kansas	95,293		Thousand Oaks California	22,094
	Philadelphia Penn	15,444		Thousand Palms California	1,039
	Vienna Virginia	101		Eglin Air Forc Florida	130
	Kent Washington	126,795		Duluth Georgia	11,741
	Seattle Washington	823,569		Cedar Rapids Iowa	47,336
	Seattle Naval Washington	1,500		Kirtland New Mexico	220
	Tukwila Washington	413		Kirtland AFB New Mexico	6,468
	Kent W Virginia	97		Columbus Ohio	2,141
3	MARTIN MARIETTA CORPORATION	911,336 *		Uright Patters Ohio	141
	Vandenberg AFB California	239,712		Tulsa Oklahoma	63
	Denver Colorado	526,541		Richardson Texas	15,553
	Littleton Colorado	150	7	INTERNATIONAL BUSINESS MCHS	557,713 *
	Waterton Colorado	5,361		San Jose California	399
	Orlando Florida	120,134		Thousand Oaks California	15,405
	Baltimore Maryland	17,171		Baltimore Maryland	143
	Halethorpe Maryland	203		Gaithersburg Maryland	155,454
	Kirtland AFB New Mexico	2,064		New York New York	682
4	GENERAL ELECTRIC COMPANY	885,353 *		Oswego New York	73-
	Huntsville Alabama	3,150		Owego New York	87,763
	Williams AFB Arizona	2,241		Yorktown Heigh New York	445
	Washington D.C.	863		Houston Texas	7,944
	Pavtona Beach Florida	4,474		Arlington Virginia	6,443
	Arkansas City Kansas	55		Manassas Virginia	282,208
	Queneboro East Kentucky	26		Martins Store Virginia	900
	Lanham Maryland	53	8	WESTINGHOUSE ELECTRIC CORP	519,238 *
	Lynn Mass	88,453		Bates Arkansas	710
	Pittsfield Mass	170,203		Sunnyvale California	277,260
	Wilmington Mass	856		Annapolis Maryland	1,016
	Hockeett N.H.	773		Baltimore Maryland	56,031
	Ballston Spa New York	509		Baltimore-Wash Maryland	1,708
	Binghanton New York	688		Cactus Hill Maryland	45
	Johnson City New York	884		Chesapeake Hei Maryland	112
	Schenectady New York	96,202		Cockeysville Maryland	3,040
	Syracuse New York	278,213		Wright Patters Ohio	400
	Utica New York	21,303		Cool Valley Penn	39
	Cincinnati Ohio	148,996		Madison Penn	105
	Evendale Ohio	475		Pittsburgh Penn	8,939
	Wright Patters Ohio	566		West Mifflin Penn	169,843
	Bethel Penn	89	9	GENERAL DYNAMICS CORPORATION	493,730 *
	King of Prussi Penn	4,814		Yuma Arizona	1,379
	Philadelphia Penn	26,983		Pomona California	69,060
	Pittsburgh Penn	310		San Diego California	232,868
	Pleasureville Penn	2,863		Groton Conn	50,455
	Valley Forge Penn	7,696		Center Line Michigan	23,011
	Burlington Vermont	5,765		Troy Michigan	3,686
	Arlington Virginia	17,666		Warren Michigan	25,135
	Reston Virginia	34		Albuquerque New Mexico	40
	Salem Virginia	100		Kirtland AFB New Mexico	52-
5	MC DONNELL DOUGLAS CORPORATION	669,141 *		Lima Army Tank Ohio	175
	Huntsville Alabama	845		Dallas Texas	98
	George AFB California	256		Fort Worth Texas	75,410
	Huntington Bwa California	41,541		GERMAN FRG	2,445
	Huntington Par California	446	10	HUGHES AIRCRAFT COMPANY	474,850 *
	Long Beach California	19,232		Tucson Arizona	17,302
	Los Angeles California	100		Anaheim California	34,241
	San Bernardino California	388		Carlsbad California	242
	Torrance California	1,072		Carson California	418
	Denver Colorado	50		Fuller City California	1,221
	Berkeley Missouri	4,764		El Segundo California	40,201

\* = Major Awarding Agency's Estimate of Award  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
<b>HUGHES AIRCRAFT COMPANY</b>			<b>RAYTHEON COMPANY</b>		
	Fullerton California	145,239		Wayland Mass	81,531
	Irvine California	1,382		Portsmouth RHODE IS	20,903
	Long Beach California	1,853			
	Los Angeles California	154,820	16	<b>UNITED TECHNOLOGIES CORP</b>	344,604 *
	Malibu California	10,215		San Jose California	56,285
	Newport Beach California	162		Sunnyvale California	1,310
	Sacramento California	26		Colorado Sprin Colorado	210
	Torrance California	16,476		Bridgeport Conn	160
	Eglin Air Forc Florida	48		East Hartford Conn	6,589
	Albuquerque New Mexico	294		East Hartland Conn	111
				Hartford Conn	43
11	<b>GRUMMAN AEROSPACE CORPORATION</b>	472,884 *		Stafford Conn	1,062
	Bethpage New York	469,704		Stratford Conn	90,507
	Beukendaal New York	50		Windsor Conn	7,831
	Melville New York	2,970		Windsor Locks Conn	3,817
	Woodbury New York	160		Palm Beach Florida	567
12	<b>SPERRY CORPORATION</b>	381,378 *		West Palm Beac Florida	173,630
	Huntsville Alabama	4,319		Albuquerque New Mexico	338
	Phoenix Arizona	105		Fort Washingto Penn	150
	San Diego California	1,102	20	<b>RCA CORPORATION</b>	282,105 *
	Clearwater Florida	2,420		Burlington Mass	22,293
	Panama City Florida	1,127		Albionesson New Jersey	1,361
	Halfway Maryland	34		Camden New Jersey	143,235
	Roland Park Maryland	308		Cherry Hill New Jersey	438
	Rose Haven Maryland	95		Moorestown-Len New Jersey	82,545
	Ualtham Mass	35		Morristown New Jersey	2,049
	Eagan Minnesota	88		Princeton New Jersey	8,916
	St. Paul Minnesota	41,537		Rome New York	238
	Albuquerque New Mexico	6,745		Lancaster Penn	26
	White Sands Ms New Mexico	127		Springfield Virginia	304
	Great Neck New York	311,626		TT PAC IS	20,700
	Southampton Penn	2,343	22	<b>HONEYWELL INC</b>	243,010 *
	Trevoee Penn	2,683		Huntsville Alabama	52
	Salt Lake City Utah	2,093		West Covina California	2,586
	Charlottesville Virginia	1,079		Colorado Sprin Colorado	228
	Dahlgren Virginia	890		Clearwater Florida	12,040
	Reston Virginia	2,621		Tampa Florida	453
13	<b>TRW INC</b>	377,572 *		Annapolis Maryland	2,853
	Huntsville Alabama	4,321		Kalnia Maryland	181
	Capistrano Bea California	245		Lexington Mass	9,461
	El Segundo California	488		Bloomington Minnesota	3,777
	Manhattan Beac California	189		Edina Minnesota	7,497
	Pittville California	930		Elk River Minnesota	64
	Redondo Beach California	218,263		Hopkins Minnesota	118,095
	San Bernardino California	94,415		Minneapolis Minnesota	24,939
	San Diego California	15,407		Minnetonka Minnesota	32,324
	San Juan Capis California	745		Minnetonka Bea Minnesota	76
	Colorado Sprin Colorado	7,928		New Brighton Minnesota	31
	Washington D.C.	562		New Hope Minnesota	150
	Boston Mass	6,666		Plymouth Minnesota	19,203
	Albuquerque New Mexico	3,476		Roseville Minnesota	1,258
	White Sands New Mexico	4,023		St. Louis Park Minnesota	707
	Dayton Ohio	300		Eatontown New Jersey	6,106
	Wright Patters Ohio	9,927		Horsham Penn	991
	Fairfax Virginia	630		Seattle Washington	55
	Falls Church Virginia	4,414	23	<b>FORD AEROSPACE COMMUNICATIONS</b>	279,278 *
	McLean Virginia	4,643		Irvine California	961
15	<b>RAYTHEON COMPANY</b>	352,048 *		Mountain View California	2,603
	Goleta California	26,045		Newport Beach California	48,933
	Los Angeles California	500		Oakland California	310
	Oxnard California	1,370		Palo Alto California	50,524
	Andover Mass	14,540		Sunnyvale California	33,595
	Bedford Mass	4,740		Colorado Sprin Colorado	73,472
	Boston Mass	495		Fort Leavenwer Kansas	3,514
	Lexington Mass	1,521		Hanover Maryland	20,336
	Lowell Mass	20,051		Houston Texas	3,000
	Marlboro Mass	281			
	Marlborough Mass	113,175			
	Northborough Mass	1,270			
	Sudbury Mass	24,846			
	Waltham Mass	1,830			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
24	ITT CORPORATION Phoenix Arizona Los Angeles California Menlo Park California San Diego California Fort Wayne Indiana Clifton New Jersey Nutley New Jersey Riverton New Jersey Raleigh N Carolina Wright Patters Ohio Roanoke Virginia	211,701 * 30 1,740 2,059 394 10,605 2,930 188,169 2,000 1,530 1,098 1,146	33	FIGGIE INTERNATIONAL INC Anaheim California Monrovia California Sierra Madre California Huntington Sta New York	103,352 * 99,748 2,240 532 832
25	TEXAS INSTRUMENTS INCORPORATED Ridgecrest California Dallas Texas Lewisville Texas McKinney Texas Plano Texas Sherman Texas	205,157 * 2,220 119,403 14,392 993 137 68,007	34	HARRIS CORPORATION Melbourne Florida Palm Bay Florida Greenlawn New York Rochester New York Syosset New York	102,047 * 100,249 1,295 145 58 300
26	AVCO CORPORATION Stratford Conn Stratford AEP Conn Patrick AFB Florida Lahaina Hawaii Punahoa Hawaii Everett Mass Lowell Mass Wilmington Mass Arlington Virginia Wellington Virginia	177,111 * 1,254 8,500 77 1,089 5,318 34,904 1,197 124,065 290 417	35	MORTON THIKOL INC Huntsville Alabama Elkton Maryland Brighan City Utah	97,208 * 1,114 1,480 94,614
27	GTE SERVICE CORPORATION Billerica Mass Waltham Mass Westborough Mass	156,137 * 45,317 198 110,622	36	BELL-BOEING Fort Worth Texas	92,261 * 92,261
28	LTV AEROSPACE & DEFENSE CO Buffalo New York Dallas Texas Grand Prairie Texas	154,881 * 610 140,718 13,553	37	MOTOROLA INC Scottsdale Arizona Tempe Arizona Washington D.C.	91,178 * 61,864 29,259 55
29	LOCKHEED CORPORATION Huntsville Alabama Burbank California Ontario California Marietta Georgia Plainfield New Jersey White Sands Ms New Mexico Garminster Penn	117,629 * 98 95,408 13,570 2,279 2,356 3,819 99	38	SINGER COMPANY THE Luke Air Force Arizona Williams AFB Arizona Glendale California Sunnyvale California Silver Spring Maryland Little Falls New Jersey Wayne New Jersey Binghanton New York Wright Patters Ohio	89,798 * 3,240 2,913 15,762 270 206 39,073 5,082 21,763 1,489
30	SPACE COMMUNICATION COMPANY Gaithersburg Maryland	117,296 * 117,296	39	BDM CORPORATION THE Huntsville Alabama Washington D.C. Tyndall AFB Florida Columbia Maryland Shrewsbury New Jersey Albuquerque New Mexico Kirtland AFB New Mexico White Sands Ms New Mexico Wright Patters Ohio McLean Virginia GERMAN FRG	87,633 * 5,213 276 6,659 2,490 4,197 9,156 7,451 11,603 211 39,490 887
31	HERCULES INCORPORATED Bessemer Alabama Cumberland Maryland McGregor Texas Magna Utah Rocket Center W Virginia	112,910 * 150 5,308 807 106,110 535	40	SCIENCE APPLICATIONS INTL Huntsville Alabama Tucson Arizona Hermosa Beach California Irvine California La Canada Flin California Los Altos California Los Angeles California Placentia California Pleasanton California San Diego California San Leandro California Greenwood Colorado Greenwood Vill Colorado Fort Walton Be Florida Orlando Florida Marietta Georgia Aberdeen Prov Maryland Rockville Maryland Las Vegas Nevada Hanover N.H. Princeton New Jersey Albuquerque New Mexico Kirtland AFB New Mexico Reno New York	86,664 * 7,019 100 5,395 35 158 146 103 5,895 34 26,745 49 150 400 233 1,049 554 387 225 1,420 322 613 2,463 150 194
32	GTE PRODUCTS CORPORATION DEL Mountain View California Rockville Maryland Camers Mass Nauset Heights Mass Needham Mass Westborough Mass Tyanta Penn Arlington Virginia TT FAC IS	111,302 * 20,996 10,454 929 97 61,454 2,255 108 2,454 12,355			

\* - Millions of Dollars (Large Contracts Exceed New Awards)  
\$ - Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
	SCIENCE APPLICATIONS INTL			COMPUTER SCIENCES CORPORATION	
	Dayton Ohio	9,649		Linthicum Heights Maryland	5,120
	Wright Patterson Ohio	1,018		Moorestown-Len New Jersey	13,749
	Wayne Penn	100		Ocean New Jersey	1,292
	Warwick RHODE IS	176		Oceanport New Jersey	173
	Arlington Virginia	144		Albuquerque New Mexico	6,677
	Falls Church Virginia	50		Huntington Valley Penn	120
	McLean Virginia	21,688		Warminster Penn	1,852
41	WILLIAMS INTERNATIONAL CORP	86,500 *		Falls Church Virginia	10,805
	Walled Lake Michigan	86,500		Newport News Virginia	1,203
42	ESL INC	77,343 *	50	GOODYEAR AEROSPACE CORPORATION	58,191 *
	Santa Monica California	266		Goodview Arizona	448
	Sunnyvale California	77,028		Litchfield Park Arizona	13,537
	Eglin Air Force Florida	49		Akron Ohio	44,206
43	LITTON SYSTEMS INC	76,305 *	52	SANDERS ASSOCIATES INC	56,271 *
	Los Angeles California	66,584		Farmington River Maryland	64
	Moorestown New Jersey	813		Hudson Mass	198
	Sunnyvale California	950		East Merrimack N.H.	5,615
	Apopka Florida	400		Hudson N.H.	165
	Davenport Iowa	331		Manchester N.H.	519
	College Park Maryland	2,744		Merrimack N.H.	703
	Morris Plains New Jersey	86		Nashua N.H.	26,207
	Williamsport Penn	220		Nutley New Jersey	22,700
	Fort Bliss Texas	3,472		Warminster Penn	100
	Salt Lake City Utah	840	53	SVERDRUP TECHNOLOGY INC	55,884 *
	Blackburg Virginia	65		Arnold AFS Tennessee	55,884
44	TELEDYNE INC	75,439 *	54	GLOBAL ASSOC A JOINT VENTURE	55,348 *
	Huntsville Alabama	62,405		Classified Loc Foreign	55,348
	Coita Mesa California	414	55	AEROJET-GENERAL CORPORATION	54,617 *
	Gardena California	49		Azusa California	42,135
	Los Angeles California	5,323		Downey California	2,341
	Palo Alto California	1,250		Sacramento California	1,735
	San Diego California	344		Sacramento Arm California	130
	Toledo Ohio	4,532		San Diego California	546
	Fairfax Virginia	1,122		Tustin California	7,730
45	A T & T TECHNOLOGIES INC	72,227 *	56	BELL HELICOPTER TEXTRON INC	53,010 *
	Norcross Georgia	1,009		Fort Worth Texas	53,010
	North Andover Mass	4,767	57	LOGICON INC	52,963 *
	Holmdel New Jersey	653		Los Angeles California	37,767
	New Providence New Jersey	1,868		Marina del Rey California	250
	Whippany New Jersey	2,563		San Diego California	6,598
	Burlington N Carolina	498		San Leandro California	1,144
	Greensboro N Carolina	60,190		Woodland California	245
	Arlington Virginia	679		Lanham Maryland	104
46	AEROJET STRATEGIC PRODUCTION	67,718 *		Bellevue Nebraska	3,791
	Sacramento California	67,718		Dayton Ohio	2,085
47	EATON CORPORATION	63,743 *		Arlington Virginia	173
	Deerpark New York	2,460		Fairfax Virginia	786
	Deerpark New York	50,836	59	GARRETT CORPORATION THE	50,613 *
	Deerpark New York	9,601		Phoenix Arizona	47,617
	Melville New York	844		Torrance California	2,762
48	CALSPAN CORPORATION	54,960 *		Cambridge Mass	34
	Buffalo New York	14,634	60	SYSTEM DEVELOPMENT CORPORATION	47,127 *
	Dayton Ohio	1,025		Huntsville Alabama	7,608
	Philadelphia Penn	146		Santa Monica California	9,663
	Arnold AFS Tennessee	44,145		Sunnyvale California	11,560
49	COMPUTER SCIENCES CORPORATION	58,730 *		West Long Branch New Jersey	3,262
	Huntsville Alabama	7,522		Dayton Ohio	482
	Edwards AFB California	280		Pasadena Penn	1,545
	Carrollton California	1,179		Warminster Penn	876
	Point Mugu Nav California	143		McLean Virginia	12,041
	San Diego California	2,247			
	Five Points Florida	404			
	Fort Walton Beach Florida	3,708			
	Fort Bay Florida	49			
	Satellite Beach Florida	47			

\* - Major Award Source after Excluded Award  
S - Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
62	HAZELTINE CORPORATION Braintree Mass Magnolia New Jersey Greenlawn New York McLean Virginia	43,041 * 1,712 1,646 38,180 1,503	83	ULTRASYSTEMS INCORPORATED Sierra Vista Arizona Hawthorne California Irvine California San Bernardino California Sunnyvale California	S 24,867 * 5,003 3,018 9,402 247 7,197
64	MAGNAVOX Torrance California Fort Wayne Indiana Mahwah New Jersey	42,649 * 6,344 30,619 5,686	85	NORTHROP CORPORATION Anaheim California Hawkinsville California Hawthorne California Rolling Hills California Rolling Meadow Illinois Norwood Mass	23,761 * 4,226 100 21,060 736 26,320 28,661-
65	R & D ASSOCIATES Los Angeles California Marina del Ray California Colorado Sprin Colorado Albuquerque New Mexico Kirtland New Mexico Kirtland AFB New Mexico Alexandria Virginia Arlington Virginia GERMAN FRG	42,186 * 5,375 22,285 1,592 3,731 1,024 1,182 5,194 1,420 363	87	SYSTEMS RESEARCH LABORATORIES Hanover Maryland Dayton Ohio Wright Patters Ohio San Antonio Texas	21,792 * 950 6,253 14,239 350
66	FAIRCHILD INDUSTRIES INC Annapolis Maryland Germantown Maryland Farmingdale New York Farmington New York Farmingville New York	41,808 * 3,301 1,786 33,559 3,071 91	88	NORDEN SYSTEMS INC Santa Ana California New London Conn North Stoningt Conn Norwalk Conn Melville New York	21,583 * 103 417 823 19,991 249
67	JOINT VENTURE OF MDTT Orlando Florida	41,198 * 41,198	89	BOOZ ALLEN & HAMILTON INC Bethesda Maryland Fort Meade Maryland Linthicum Heig Maryland Wright Patters Ohio Vienna Virginia	21,428 * 16,958 1,131 2,067 1,147 125
69	BENDIX CORPORATION THE Los Angeles California Westlake Villa California Baltimore Maryland Towson Maryland Amesbury Mass Eatontown New Jersey Teterboro New Jersey	36,446 * 4,307 74 30,342 1,054 363 56 250	90	BENDIX FIELD ENGINEERING CORP Columbia Maryland Las Vegas Nevada Albuquerque New Mexico	20,546 * 17,675 2,719 152
70	FMC CORPORATION Anniston Alabama San Jose California Minneapolis Minnesota	36,093 * 713 34,487 893	91	CONTROL DATA CORPORATION San Diego California Minneapolis Minnesota Arlington Virginia TT PAC IS	20,330 * 260 17,829 500 1,741
72	A A I CORPORATION Baltimore Maryland Cockeysville Maryland	35,753 * 14,936 20,817	92	TELEDYNE INDUSTRIES INC Los Angeles California San Diego California Torrance California Fort Lauderdale Florida Muskegon Michigan Garland Texas Alexandria Virginia Arlington Virginia	20,294 * 12,504 3,957 274 83 100 402 1,553 1,621
73	KAMAN SCIENCES CORPORATION Huntsville Alabama Santa Barbara California Santa Monica California Colorado Sprin Colorado Burlington Mass Albuquerque New Mexico Alexandria Virginia	34,137 * 132 5,793 1,853 21,363 1,620 2,596 780	93	AMEX SYSTEMS INC San Diego California	S 20,167 * 20,167
75	GENERAL MOTORS CORPORATION Goleta California Indianapolis Indiana	31,881 * 8,143 23,738	94	ITEK CORPORATION Sunnyvale California Lexington Mass	20,133 * 2,015 18,118
77	BOLT BERANEK AND NEWMAN INC Cambridge Maryland Cambridge Mass	23,140 * 808 28,332	95	FLANNING RESEARCH CORPORATION Tampa Florida Omaha Nebraska Eatontown New Jersey Oceanport New Jersey Bala Cynwyd Penn McLean Virginia Reston Virginia	19,990 * 951 4,898 175 1,315 159 11,811 671
78	ATLANTIC RESEARCH CORPORATION White Sands Ms New Mexico Alexandria Virginia Gainesville Virginia	27,778 * 162 8,476 18,760			

\* = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
96	ANALYTIC SCIENCES CORP THE Fort Walton Be Florida Reading Mass Springfield Mass Fairborn Ohio Reading Penn Arlington Virginia McLean Virginia	19,100 * 157 16,766 74 525 70 1,422 86	113	E G G WASH ANALYTICAL SVS CTR New London Conn Rockville Maryland Albuquerque New Mexico Kirtland AFB New Mexico Dahlgren Virginia	15,723 * 100 13,522 389 490 1,222
97	SYGNETRON PROTECTION SYSTEMS Lutherville-Ti Maryland	S 19,095 * 19,095	115	JAYCOR Fresno California San Diego California Santa Monica California Colorado Sprin Colorado Washington D.C. Vicksburg Miss Dayton Ohio Wright Patters Ohio Alexandria Virginia	S 15,582 * 215 8,153 126 940 98 260 1,037 785 3,968
99	TRACOR INC San Diego California Rockville Maryland Austin Texas	18,642 * 256 74 18,312	116	DYNALECTRON CORPORATION Yuma Proving G Arizona Point Mugu Nav California Alamogordo New Mexico Albuquerque New Mexico White Sands Ms New Mexico Dayton Ohio Fort Worth Texas	15,515 * 3,252 71 9,225 690 431 295 1,551
100	LEAR SIEGLER INC Ontario California Grand Rapids Michigan Dayton Ohio	18,229 * 14,372 3,411 446	117	CUBIC CORPORATION Oceanside California San Diego California	15,472 * 462 15,010
101	E-SYSTEMS INC Saint Petersburg Florida Greenville Texas Salt Lake City Utah Fairfax Virginia Falls Church Virginia	18,137 * 1,490 5,652 473 449 10,073	118	ELECTROSPACE SYSTEMS INC San Diego California Greenbelt Maryland Dayton Ohio Richardson Texas	15,063 * 1,346 1,062 292 12,363
102	BURROUGHS CORPORATION Paoli Penn	18,080 * 18,080	120	ANALYTICS INCORPORATED Linthicum Heig Maryland Oceanport New Jersey Shrewsbury New Jersey Tinton Falls New Jersey Dayton Ohio Willow Grove Penn McLean Virginia Manassas Virginia	S 14,840 * 1,383 4,769 100 1,901 45 4,116 2,106 420
103	MAXWELL LABORATORIES INC San Diego California	18,011 * 18,011	122	ITT WESTINGHOUSE Nutley New Jersey	14,300 * 14,300
105	PHYSICS INTERNATIONAL COMPANY Hermosa Beach California Menlo Park California San Leandro California Kirtland AFB New Mexico Herndon Virginia	17,472 * 200 28 16,483 702 59	123	MC DONNELL DOUGLAS HELICOPTER Mesa Arizona Tempe Arizona Culver City California	14,213 * 1,990 5,588 6,635
107	SYSTEMS & APPLIED SCIENCES L. G. Hanson Mass Dayton Ohio Wright Patters Ohio Vienna Virginia	S 16,786 * 1,168 2,483 323 12,812	124	UNIDYNAMICS CORPORATION Goodyear Arizona San Bernardino California St. Louis Missouri	13,798 * 102 119 13,577
108	SOLAR TURBINES INCORPORATED San Diego California	16,278 * 16,278	125	SONICRAFT INC Chicago Illinois	S 13,635 * 13,635
109	LTV CORPORATION THE Dallas Texas Fort Worth Texas TT PAC IS	15,978 * 861 709 14,408	126	T R W ELECTRONIC PRODUCTS INC Colorado Sprin Colorado	13,531 * 13,531
110	DYNAMAD CORPORATION Elkton Kentucky Rockville Maryland	S 15,954 * 930 15,024	127	BALL CORPORATION Boulder Colorado	13,470 * 13,470
111	BELL TELE LABS Whippany New Jersey	15,936 * 15,936	129	TECHNOV SYSTEMS CORPORATION Oceanport New Jersey Alexandria Virginia Springfield Virginia	S 13,336 * 662 1,134 11,300
112	NORTHEM INC Sierra Vista Arizona Washington D.C. Dayton Ohio Allandale Penn McLean Virginia Vint Hill Farm Virginia Warrenton Virginia GREENMAN FPG	S 15,737 * 165 30 1,390 46 9,936 34 1,665 511			

\* = Major Amounts; Carriage Returns Indicate New Awards  
Source: Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
130	NICHOLS RESEARCH CORP INC Huntsville Alabama Newport Beach California Lynnfield Mass Ann Arbor Michigan Albuquerque New Mexico	S 13,193 * 12,160 50 680 119 184	146	STANFORD TELE INC Santa Clara California McLean Virginia	S 10,990 * 10,372 618
131	GTE SYLVANIA INC Denver Colorado Needham Mass Westborough Mass	13,153 * 650 12,286 217	147	WESTERN RESEARCH CORPORATION San Diego California	S 10,941 * 10,941
132	S-CUBED Placentia California San Diego California Albuquerque New Mexico Reston Virginia	12,945 * 100 12,281 432 132	148	INTERMETRICS INC Bethesda Maryland Cambridge Mass Dayton Ohio Warminster Penn	S 10,869 * 3,852 5,908 297 812
133	MISSION RESEARCH CORPORATION San Diego California Santa Barbara California Colorado Sprin Colorado Washington D.C. Albuquerque New Mexico Alexandria Virginia	S 12,872 * 34 8,739 306 596 2,813 384	149	REFLECTONE INC Tampa Florida	S 10,695 * 10,695
134	GENERAL RESEARCH CORPORATION Huntsville Alabama Santa Barbara California Dayton Ohio McLean Virginia	12,266 * 2,141 8,008 563 1,554	150	M/A COM LINKABIT INC San Diego California McLean Virginia Vienna Virginia	10,609 * 7,335 3,129 145
135	COMMUNICATION MFG COMPANY Long Beach California	S 12,037 * 12,037	151	PERKIN-ELMER CORPORATION THE Pomona California Danbury Conn Norwalk Conn Wilton Conn	10,604 * 522 5,631 51 4,400
137	PACIFIC SIERRA RESEARCH CORP Los Angeles California Santa Monica California White Sands Ms New Mexico Fairborn Ohio Arlington Virginia	S 11,808 * 9,709 1,145 431 49 474	152	LITTLE ARTHUR D INC Boston Mass Cambridge Mass	10,347 * 124 10,223
138	SPARTA INC Huntsville Alabama Leisure World California Lexington Mass McLean Virginia	S 11,710 * 3,001 7,944 200 566	153	ARGOSYSTEMS INC Sunnyvale California	S 10,311 * 10,311
140	HRB-SINGER INC Lanham Maryland Little Falls New Jersey State College Penn	11,483 * 1,101 84 10,298	154	SOFTTECH INC Waltham Maine Waltham Mass Dayton Ohio Fairborn Ohio Falls Church Virginia	S 10,304 * 850 5,844 537 2,973 100
142	UNIVERSAL ENERGY SYSTEMS INC Fort Rucker Alabama Columbus Ohio Dayton Ohio Wright Patters Ohio	S 11,245 * 150 161 9,931 1,003	155	CINCINNATI ELECTRONICS CORP Cincinnati Ohio	10,174 * 10,174
143	VITRO CORPORATION Silver Spring Maryland Middletown RHODE IS	11,182 * 11,149 33	156	U T L CORPORATION Dallas Texas	S 10,081 * 10,081
144	ACURE CORPORATION Huntsville Alabama Mountain View California Wright Patters Ohio	S 11,058 * 250 10,420 388	158	SCHAFER W J ASSOCIATES INC Los Angeles California Wakefield Mass Arlington Virginia	S 9,844 * 1,365 6,301 2,178
145	BEECH AIRCRAFT CORPORATION Wichita Kansas	11,057 * 11,057	159	TEXTRON INC Sierra Vista Arizona Tucson Arizona Belmont California Niceville Florida New Orleans Louisiana Buffalo New York Wheatfield New York	9,843 * 1,974 250 4,167 2,174 400 731 147
			160	CUMMINS ENGINE COMPANY INC Columbus Indiana	9,574 * 9,574
			161	EARTH TECHNOLOGY CORPORATION Long Beach California	S 9,459 * 9,459
			162	ASSURANCE TECHNOLOGY CORP Washington D.C. Carlisle Mass Alexandria Virginia	S 9,385 * 500 8,785 100

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
165	ELECTRONIC WARFARE ASSOC Santa Clara California Vienna Virginia	S 8,994 * 5,887 3,307	183	PERCEPTIONICS INC Los Angeles California Menlo Park California Woodland California Ann Arbor Michigan Albuquerque New Mexico Huntingdon Val Penn	S 7,647 * 4,572 150 340 1,894 620 71
166	PAC TECHNOLOGY CORPORATION New Hartford New York Utica New York McLean Virginia	S 8,702 * 8,278 158 266	184	KAISER HEARY J CO Yuma Arizona	7,609 * 7,509
167	EGAG INC Salem Mass Wellesley Mass	8,668 * 525 8,143	185	FOSTER-MILLER INC Walham Mass	S 7,508 * 7,508
169	DIGITAL EQUIPMENT CORPORATION Warner Robins Georgia East Merrinack N.H.	8,628 * 1,850 6,778	186	ADVANCED TECHNOLOGY INC Orlando Florida Middletown RHODE IS McLean Virginia Reston Virginia S ARABIA	7,428 * 346 314 2,548 1,420 2,800
171	EASLE TECHNOLOGY INC Fullerton California Orlando Florida Eatontown New Jersey Ocean New Jersey Arlington Virginia GERMAN FRG	S 8,485 * 2,892 1,376 1,845 738 1,500 134	187	COMMAND CNTRL & COMM CORP Huntsville Alabama Redstone Arsen Alabama Torrance California Oceanport New Jersey	S 7,389 * 337 2,938 2,313 1,801
172	LIGHT HELICOPTER TURBINE ENGI Creve Coeur Missouri	8,480 * 8,480	188	G A TECHNOLOGIES INC San Diego California	7,282 * 7,282
173	INTO INC Colorado Sprin Colorado McLean Virginia	S 8,337 * 8,188 149	189	LORAL ELECTRONICS CORP New York New York Yonkers New York	7,250 * 6,482 768
174	GEOYNAMICS CORP Santa Barbara California Torrance California Springfield Virginia	S 8,335 * 1,921 3,605 2,809	191	O R I INC New London Conn West Palm Beac Florida Rockview Beach Maryland Rockville Maryland Silver Spring Maryland Alexandria Virginia	7,149 * 150 40 1,371 2,408 3,108 72
175	FLOW GENERAL INC Huntsville Alabama Santa Barbara California Seal Beach California Washington D.C. McLean Virginia	8,303 * 128 5,830 150 325 1,870	192	SPACE DATA CORPORATION Tempe Arizona	S 6,930 * 6,930
176	AEROMET TECHSYSTEMS CO Parkway-Sacran California Sacramento California Sacramento Arm California	8,273 * 1,995 5,120 1,158	193	EMERSON ELECTRIC CO St. Louis Missouri	6,920 * 6,920
177	PUNKER RAMP CORPORATION Thousand Oaks California San-Lake Villa California	8,222 * 1,034 7,188	194	GEO-CENTERS INC Washington D.C. Suitland-Silve Maryland Marstons Mills Mass Newton Mass Dover New Jersey	S 6,838 * 1,998 175 129 3,834 702
178	SANTA BARBARA Goleta California Goleta California	8,085 * 7,941 94	195	AUTOMATION INDUSTRIES INC Canarillo California San Diego California Silver Spring Maryland	6,626 * 3,795 980 1,851
179	HYPERION TECHNOLOGY INC San Diego California Torrance California Lexington Mass	S 7,941 * 3,103 241 4,647	197	SYSTEM PLANNING CORPORATION Sunnyvale California Alexandria Virginia Arlington Virginia	S 6,467 * 134 66 6,267
180	MELLEY TOLL AND MUEL INC Philadelphia Penn	S 7,872 * 7,872	198	CALIFORNIA RES & TECHNOLOGY Los Angeles California	S 6,347 * 6,347
181	VECTRA RESEARCH COMPANY INC Bethesda Maryland	S 7,864 * 7,864	199	P D A ENGINEERING Santa Ana California White Sands Ms New Mexico	S 6,307 * 5,459 848
182	THE ASSOCIATES McLean Virginia	7,808 * 7,808			

\* Means Awarded to Contractor as a New Award,  
S = Small Business



**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
202	GOULD INC El Monte California Rolling Meadow Illinois Glen Burnie Maryland Cleveland Ohio Horsesham Penn	6,243 * 809 1,892 2,379 1,099 64	220	TECHNOLOGY DEVLPMT/CAL NC Arlington Texas	S 5,580 * 5,580
203	VERAC INCORPORATED George AFB California San Diego California Albuquerque New Mexico Kirtland AFB New Mexico Fairborn Ohio Bergstrom AFB Texas	S 6,224 * 512 2,548 1,655 456 583 470	225	COLSA INC Huntsville Alabama Fort Bliss Texas	S 5,452 * 4,755 697
204	FAIRCHILD WESTON SYSTEMS INC Sarasota Florida Siesta Key Florida Syosset New York	6,216 * 293 242 5,661	226	CLASSIFIED Classified Loc Domestic	5,399 * 5,399
205	SYSTEMS EXPLORATION INC San Diego California	S 6,210 * 6,210	227	ARINC RESEARCH CORPORATION San Diego California Santa Ana California Annapolis Maryland	5,334 * 1,035 80 4,219
206	ALLIED SIGNAL CORP Fort Lauderdale Florida Baltimore Maryland Moorestown-Len New Jersey Morristown New Jersey Teterboro New Jersey	6,193 * 153 5,094 149 833 36-	229	SCIENCE APPLICATIONS INC Tucson Arizona Goleta California Placentia California San Diego California Fort Walton Be Florida Springfield Mass McLean Virginia	5,276 * 2,696 86 380 1,344 105 40 625
207	VITRONICS INC Eatontown New Jersey Oceanport New Jersey	S 6,185 * 1,847 4,338	230	NL INDUSTRIES INC Buffalo New York	5,270 * 5,270
209	SYSCON CORPORATION San Diego California New London Conn North Stoningt Conn Washington D C Albuquerque New Mexico Middletown RHODE IS Newport RHODE IS Portsmouth Virginia Virginia Beach Virginia	6,028 * 729 813 64 1,163 477 180 2,544 28 30	231	DYNAMICS RESEARCH CORPORATION Wilmington Mass	5,268 * 5,268
210	T S C INC Santa Monica California Trumbull Conn Washington D.C. Silver Spring Maryland	S 6,021 * 5,387 356 50 228	233	E C CORPORATION THE Huntsville Alabama Fort Knox Kentucky IT FAC IS	S 5,226 * 702 1,471 3,053
212	INGERSOLL-RAND COMPANY Princeton New Jersey Mocksville N Carolina	5,982 * 489 5,493	234	TELETYPE CONTINENTAL MOTORS Mobile Alabama	5,200 * 5,200
214	DOW CORNING CORPORATION Midland Michigan	5,925 * 5,925	236	ANALYTIX ELECTRONIC SYSTEMS Hudson N.H.	S 5,190 * 5,190
215	MARGUARDT CO INC Los Angeles California	5,898 * 5,898	237	CALCULON U S CORPORATION Shrewsbury New Jersey Philadelphia Penn	S 5,189 * 4,169 1,020
216	SYNOPTIC SYSTEMS CORP Falls Church Virginia	5,886 * 5,886	238	S D C INTEGRATED SERVICES McLean Virginia	5,145 * 5,145
217	OPTOMETRICS INC Washington D.C. Ann Arbor Michigan	S 5,693 * 40 5,653	239	ARES INC Port Clinton Ohio	S 5,088 * 5,088
219	O A O CORPORATION El Segundo California Vandenberg AFB California Greenbelt Maryland	S 5,585 * 5,204 331 50	241	SACHS-FREEMAN ASSOCIATES INC Washington D.C. Bowie Maryland Landover Maryland	S 4,859 * 1,374 2,650 835
			242	COMPTON RESEARCH INC Camarillo California San Diego California Allentown-Beth Penn Alexandria Virginia Virginia Beach Virginia	S 4,851 * 2,111 431 99 365 1,845
			243	HYCOR INC Woburn Mass	S 4,818 * 4,818
			244	EDO CORPORATION New York New York	4,731 * 4,731
			245	ADAPTIVE OPTICS ASSOCIATES INC Cambridge Mass	S 4,719 * 4,719

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
246	PIASECKI AIRCRAFT CORP Sharon Hill Penn	S 4,697 *	280	ANALYTICAL SYSTEMS ENGRG Orlando Florida Burlington Mass	S 3,643 * 105 3,538
247	NUMAX ELECTRONICS INCORPORATED Shrewsbury New Jersey Hauppauge New York	4,648 * 174 4,474	281	SARGENT FLETCHER COMPANY El Monte California	3,637 * 3,637
249	ALLEN CORPORATION OF AMERICA San Diego California Orlando Florida Alexandria Virginia	S 4,628 * 510 200 3,918	283	WEIDLINGER ASSOCIATES INC Menlo Park California Palo Alto California New York New York Chesapeake Virginia	S 3,580 * 106 523 2,851 100
251	MAGNOVOX SIGNAL SYSTEMS JR Philadelphia Penn	4,500 * 4,500	284	K M S FUSION INC Ann Arbor Michigan	S 3,565 * 3,565
252	ANALYSIS & TECHNOLOGY INC New London Conn North Stoningt Conn Stonington Conn Middletown RHODE IS Arlington Virginia Little Creek Virginia Norfolk Virginia Virginia Beach Virginia	4,484 * 148 1,603 316 44 1,818 121 36 398	285	SCI TEC INC Princeton New Jersey	S 3,559 * 3,559
253	SPATION CORPORATION Hale Michigan Jackson Michigan Warminster Penn	4,464 * 72 4,293 99	287	TETRA TECH INC Pasadena California San Bernardino California San Diego California White Oak Nava Maryland	3,488 * 60 3,300 70 58
257	ANALYSIS & COMPUTER SYSTEMS Bedford Mass Burlington Mass	S 4,231 * 851 3,380	288	PACER SYSTEMS INC Panama City Florida Burlington Mass Fort Washington Penn Horsham Penn	S 3,470 * 2,536 399 455 80
258	METROP COMMUNICATIONS CORP Kent Washington	S 4,228 * 4,228	289	VEDA INCORPORATED Camarillo California Point Mugu PMT California Fort Walton Be Florida Dayton Ohio Arlington Virginia	S 3,468 * 72 328 68 1,685 1,315
261	PHYSICAL RESEARCH INC Huntsville Alabama Palo Verde California Rolling Hills California Shalimar Florida	S 4,170 * 1,821 375 1,880 94	292	PRC PUBLIC MANAGEMENT SVS McLean Virginia	SVS 3,352 * 3,352
262	INTERNATL PUBLIC FLY RESPOH Falls Church Virginia	S 4,133 * 4,133	293	ADVANCED INFO DECISION SYSTMS Mountain View California	S 3,332 * 3,332
265	DEL REY SYSTEMS INC Frederick Delaware	4,074 * 4,074	294	SEMOOR INC San Diego California Farmington New Jersey Mount Laurel New Jersey Oceanport New Jersey Wall New Jersey Warminster Penn Middletown RHODE IS	S 3,311 * 237 1,324 855 32 326 429 108
267	BELL AEROSPACE TRAXION Buffalo New York	3,995 * 3,995	295	ELECTRONIC DECISIONS INC Urbana Illinois	S 3,295 * 3,295
271	ENJOY INC Indian Harbour Florida Springfield Virginia	S 3,872 * 3,507 365	296	ADVANCED DIGITAL SYSTEM INC San Diego California	S 3,280 * 3,280
273	CONQUEST INC Birmingham Alabama	S 3,868 * 3,868	297	WASHINGTON BOOKER T FOUNDATION Washington D.C.	3,269 * 3,269
274	COMPTON TELEVISION & AMER Bedford Mass	3,831 * 3,831	298	MTS SYSTEMS Minneapolis Minnesota	3,224 * 3,224
275	REDINGTON INC San Diego California	S 3,804 * 3,804	299	AUTOMATED SCIENCE GRANT INC Huntsville Alabama Marshall Beach California Silver Spring Maryland	S 3,159 * 1,363 1,026 700
276	CALIFORNIA MITE DAVE INC Chico California Tulsa Oklahoma Hauppauge New York	3,741 * 410 3,109 391			

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
305	CHAMBERLAIN MANUFACTURING CORP Niles Illinois Waterloo Iowa Cockeysville Maryland	3,136 * 224 1,572 1,340	321	ONAN CORPORATION Minneapolis Minnesota	2,839 * 2,839
306	TVI ENERGY CORPORATION Beltsville Maryland	S 3,123 * 3,123	322	LOCKHEED ENGRG & MGT SVS CO Dugway Proving Utah	2,834 * 2,834
307	PLANNING SYSTEMS INC New London Conn Panama City Florida McLean Virginia	S 3,102 * 60 91 2,951	323	FIBER MATERIALS INC Biddeford Maine	S 2,830 * 2,830
308	MAGNAVOX ADVANCE PROD SYS CO Torrance California	3,097 * 3,097	324	VISIDYNE INC Burlington Mass	S 2,827 * 2,827
309	SCOPE INCORPORATED Fairfax Virginia Reston Virginia	S 3,077 * 47 3,030	325	INFORMATION DEV APPLICATIONS Beltsville Maryland	S 2,811 * 2,811
310	LOCKHEED ELECTRONICS COMPANY Orlando Florida Denville New Jersey Plainfield New Jersey Portsmouth Virginia	3,066 * 255 675 2,102 34	327	THINKING MACHINE CORP Cambridge Mass	S 2,800 * 2,800
311	NEW TECHNOLOGY INC Huntsville Alabama	S 3,034 * 3,034	328	TELEDYNE ENERGY SYSTEMS Lutherville-Ti Maryland	2,799 * 2,799
312	TITAN SYSTEMS INC Centerville California Inglewood California Placentia California San Diego California Albuquerque New Mexico Vienna Virginia	S 3,010 * 50 48 92 1,875 100 845	329	KONTECH INC Los Angeles California	S 2,792 * 2,792
313	VARIAN ASSOCIATES INC Palo Alto California Santa Clara California Washington D.C. Beverly Mass Salem Mass AUSTRALIA	3,008 * 1,784 730 48 134 265 47	330	KOLLMORGEN CORPORATION Northampton Mass	2,782 * 2,782
314	TECHNOLOGY INCORPORATED Dayton Ohio San Antonio Texas	2,986 * 1,281 1,705	331	BERKELEY RESEARCH ASSOC Berkeley California Washington D.C. Norfolk Virginia Springfield Virginia	S 2,741 * 1,727 167 227 620
315	SIGNAL SCIENCE INC Santa Clara California Hanover Maryland	S 2,979 * 1,738 1,241	335	LORAL ELECTRO OPT SYS Pasadena California	2,684 * 2,684
316	LOCUS INC Boalsburg Penn State College Penn Alexandria Virginia	S 2,973 * 30 2,908 35	336	MAC AULAY-BROWN INC Fairborn Ohio Wright Patterns Ohio	S 2,679 * 2,437 242
318	APPLIED RESEARCH ASSOCIATES Albuquerque New Mexico Kirtland AFB New Mexico Raleigh N Carolina South Royalton Vermont	S 2,928 * 2,180 26 73 649	338	XEROX CORPORATION Palo Alto California Pasadena California Washington D.C. Webster New York	2,633 * 348 2,144 90 51
319	C A S INC Huntsville Alabama	S 2,856 * 2,856	339	AEROMET INC Tulsa Oklahoma	S 2,611 * 2,611
320	MAR INCORPORATED Rockville Maryland	S 2,850 * 2,850	340	GARD INC Niles Illinois	2,604 * 2,604
			345	PULSE SCIENCES INC Oakland California San Leandro California	S 2,518 * 79 2,439
			346	APPLICATIONS RESEARCH CORP Dayton Ohio Wright Patterns Ohio	S 2,514 * 1,401 1,113
			347	CACI INC Newport Beach California Worcester Mass Arlington Virginia	2,491 * 959 85 1,447
			350	SRS TECHNOLOGIES INC Huntsville Alabama Huntsville Alabama Newport Beach California	S 2,454 * 1,359 250 845

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
351	KOHLER CO Kohler Wisconsin Little Kohler Wisconsin	2,453 * 1,380 1,073	375	SYSTRAN CORP Dayton Ohio	S 2,253 * 2,253
353	S SYSTEMS CORPORATION Inglewood California	S 2,441 * 2,441	376	DEFENSE SYSTEMS INC McLean Virginia	S 2,212 * 2,212
355	KAMAN AEROSPACE CORPORATION Bloomfield Conn	2,434 * 2,434	377	ESSEX CORPORATION Orlando Florida Alexandria Virginia	S 2,202 * 889 1,313
357	APPLIED RESEARCH INC Huntsville Alabama Houston Texas	2,408 * 2,033 375	378	APTEK INC Colorado Sprin Colorado	S 2,195 * 2,195
358	GEOMET TECHNOLOGIES INC Annapolis Maryland Germantown Maryland Rockville Maryland	S 2,376 * 330 77 1,969	379	NEWPORT NEWS SHIPBLDNG DRYDOCK Newport News Virginia Newport Virginia	2,193 * 2,164 29
359	DESIGN ENGINEERING LABS Torrance California	S 2,374 * 2,374	380	C A I DIV OF RECON OPTICAL Barrington Illinois	2,190 * 2,190
360	BRUNSWICK CORPORATION Costa Mesa California De Land Florida Marion Virginia	2,370 * 552 1,399 419	381	LUCAS INDUSTRIES INC Englewood New Jersey	2,186 * 2,186
361	SOFTWARE ARCHITECTURE & ENGRG Arlington Virginia	S 2,367 * 2,367	382	PHYSICAL SCIENCES INC Andover Maine Andover Mass Woburn Mass	S 2,185 * 108 1,852 225
362	SCIENTIFIC SYSTEMS INC Boston Mass Cambridge Mass Dallas Texas	S 2,354 * 1,220 959 175	383	BEI ELECTRONICS INC Camden Arkansas Euless Texas	S 2,183 * 2,151 32
363	DYNAMICS TECHNOLOGY Torrance California	S 2,350 * 2,350	384	N K F ENGINEERING ASSOCIATES Reed Creek Virginia Vienna Virginia	S 2,173 * 120 2,053
364	HARSCO CORPORATION East Stroudsbu Penn York Penn Eau Claire Wisconsin	2,343 * 220 1,847 276	385	GTE COMMUNICATION SYSTEMS CORP Needham Mass	2,158 * 2,158
365	TALLEY DEFENSE SYSTEMS INC Mesa Arizona	2,343 * 2,343	386	C3CM TEST ENGINEERING SUPPORT Albuquerque New Mexico	2,143 * 2,143
366	ALL-BANN ENTERPRISES INC Anaheim California	S 2,341 * 2,341	388	AMERICAN ELECTRONIC LABS Wall New Jersey Lansdale Penn Montgomeryvill Penn	2,115 * 40 1,943 132
367	PROPRIETARY SOFTWARE SYSTEMS Santa Monica California	S 2,335 * 2,335	389	ARETE ASSOCIATES Los Angeles California Arlington Virginia	S 2,099 * 2,012 87
369	MINNESOTA MINING & MFG CO St. Paul Minnesota	2,278 * 2,278	390	E I C LABORATORY INC Newton Mass Norwood Mass	S 2,087 * 360 1,727
370	GENERAL OFFSHORE CORPORATION Fort Lauderdale Florida Key West Florida Miami Florida San Juan Puerto Ric	S 2,277 * 204 1,926 39 108	391	E-BEAM DATA SYSTEMS INC Fairfield Conn	S 2,083 * 2,083
372	I R T CORPORATION San Diego California McLean Virginia	S 2,262 * 1,322 940	393	MAXIMA CORPOATION THE Bethesda Maryland San Antonio Texas	S 2,071 * 466 1,605
373	CONTROL DYNAMICS COMPANY Huntsville Alabama	S 2,260 * 2,260	394	SHIP ANALYTICS INC North Stoningt Conn Washington D.C. Winter Park Florida	S 2,062 * 302 1,666 94
374	VER VAL ENTERPRISES INC Fort Walton Be Florida	S 2,259 * 2,259	395	INTEGRATED SYSTEMS ANALYSTS National City California San Diego Cal'ornia Washington D.C.	S 2,060 * 98 679 1,283

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location		Thousands of Dollars	Rank	Name of Contractor and Location		Thousands of Dollars
396	ROLLS-ROYCE INC	Georgia	2,052 *	422	GTE LABORATORIES INC	D.C.	1,892 *
	Atlanta	UN KINGDOM	1,969		Washington	Mass	150
			83		Waltham		1,742
397	L GARDE INC	S	2,046 *	423	ELECTROMECHANICAL SYSTEMS INC	S	1,882 *
	Newport Beach	California	2,046		Anaheim	California	1,882
398	IMPERIAL AVIATION INC		2,043 *	425	VREULS RESEARCH CORPORATION	S	1,869 *
	West Palm Beach	Florida	2,043		Thousand Oaks	California	1,869
399	RMS TECHNOLOGIES INC	S	2,040 *	426	TSC CORPORATION	S	1,857 *
	Huntsville	Alabama	319		Marion	Mass	1,857
	Trevoise	Penn	1,721	427	FREQUENCY ELECTRONICS INC	S	1,854 *
400	FIBER TECHNOLOGY CO		2,036 *		Oceanport	New Jersey	130
	Provo	Utah	2,036		Farmingdale	New York	124
					New Hyde Park	New York	1,600
401	M/A-COM INC		2,033 *	428	ANALYTICAL ASSESSMENTS CORP	S	1,828 *
	Burlington	Mass	1,623		Los Angeles	California	1,828
	Lowell	Mass	410	429	HUMAN FACTORS RESEARCH	S	1,824 *
402	ROBOT DEFENSE SYSTEMS INC	S	2,018 *		Goleta	California	1,824
	Denver	Colorado	50	430	DELTA RESEARCH INC	S	1,799 *
	Thornton	Colorado	1,968		Huntsville	Alabama	1,799
404	SYSTEMS PLANNING & ANALYSIS	S	2,001 *	431	WYLE LABORATORIES		1,798 *
	San Diego	California	347		El Segundo	California	31
	Falls Church	Virginia	1,654		Los Angeles	California	1,213
405	KERNCO INC	S	2,000 *		Norco	California	353
	Danvers	Mass	2,000		Pennsauken	New Jersey	36
407	ENGINEERING ECONOMIC RESEARCH	S	1,996 *		Arlington	Virginia	49
	Huntsville	Alabama	339		Hampton	Virginia	116
	Vienna	Virginia	1,657	432	ATLANTIC ANALYSIS CORPORATION	S	1,784 *
408	GENERAL ATOMIC		1,990 *		Norfolk	Virginia	1,784
	San Diego	California	1,990	433	WESTON ROY F INC	S	1,782 *
409	BETAC CORPORATION	S	1,978 *		West Chester	Penn	1,782
	Arlington	Virginia	1,978	434	ANAMET LABS INC	S	1,781 *
412	SCIENCE & ENGINEERING ASSOC	S	1,955 *		Wright Patterns	Ohio	1,781
	Salem	Mass	266	435	AYDIN CORPORATION		1,775 *
	Albuquerque	New Mexico	1,002		Fort Washington	Penn	775
	McLean	Virginia	687		Horsham	Penn	1,000
413	DONALDSON COMPANY INC		1,941 *	437	WATKINS-JOHNSON COMPANY		1,755 *
	Minneapolis	Minnesota	1,866		San Jose	California	1,530
	Baldwin	Wisconsin	75		Gaithersburg	Maryland	225
414	HUGHES/LORAL CO		1,939 *	438	TECH REPS INCORPORATED	S	1,751 *
	Los Angeles	California	1,939		Albuquerque	New Mexico	1,751
415	RAYTHEON-NORTHROP INVS	JNT VNTR	1,939 *	440	RADIAN CORPORATION		1,707 *
	Goleta	California	1,939		San Diego	California	384
416	TRW/WEC/INWS		1,939 *		Austin	Texas	1,323
	Redondo Beach	California	1,139	442	APPLIED SCIENCE ASSOCIATES INC	S	1,687 *
	San Diego	California	800		Valencia	Penn	1,687
417	TECHPLAN CORP	S	1,932 *	443	I M R SYSTEMS CORP	S	1,687 *
	Maple Shade	New Jersey	1,932		Fort Leavenworth	Kansas	1,687
419	ADVANCED RES/APLINS CP	S	1,928 *	444	SEACO INC	S	1,664 *
	Sunnyvale	California	1,928		Kailua	Hawaii	1,457
421	ADC TELECOMMUNICATIONS INC		1,896 *		Kailua Kona	Hawaii	207
	Minneapolis	Minnesota	1,896	445	GUILD ASSOCIATES INC	S	1,658 *
					Worthington	Ohio	1,658

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
446	CELCO INDUSTRIES INC Menlo Park California Summit New Jersey	1,646 * 481 1,165	465	ONEIDA RESOURCES INC Dayton Ohio	S 1,564 * 1,564
447	VSE CORPORATION Camarillo California Alexandria Virginia	1,643 * 719 924	466	APPLIED SIGNAL TECH INC Sunnyvale California	S 1,562 * 1,562
448	ANACAPA SCIENCES INC Santa Barbara California	S 1,636 * 1,636	468	ROHM AND HAAS COMPANY Huntsville Alabama Philadelphia Penn Spring House Penn	1,561 * 385 733 443
449	HAYES INTERNATIONAL CORP Birmingham Alabama Los Angeles California	1,631 * 932 699	469	LITTON INDUSTRIES INC Tempe Arizona Los Angeles California San Carlos California San Diego California Sunnyvale California	1,547 * 40 960 379 100 68
450	SPECTRON DEVELOPMENT LABS Costa Mesa California Santa Ana California	S 1,631 * 1,576 55	470	INFOTEC DEVELOPMENT INC Costa Mesa California San Bernardino California San Diego California Boston Mass	S 1,545 * 599 766 101 79
451	AMPEX CORPORATION Redwood City California	1,629 * 1,629	471	ANALYTIC DECISION INCORPORA Hawthorne California Arlington Virginia	S 1,541 * 222 1,319
452	KTECH CORPORATION Albuquerque New Mexico	S 1,625 * 1,625	472	COMPUTER TECHNOLOGY ASSOC Englewood Colorado	S 1,541 * 1,541
453	DECISION PLANNING CORPORATION Costa Mesa California Costa Mesa Air California	S 1,624 * 724 900	473	SANTA MONICA BANK Warwick RHODE IS	1,535 * 1,535
454	DUN AND BRADSTREET CORP Melbourne Florida St. Louis Missouri	1,614 * 1,528 86	474	LITTLE PEOPLES PRODUCTVITY CTR Dayton Ohio	S 1,530 * 1,530
455	PACCAR INC Renton Washington	1,614 * 1,614	475	INTERGRAPH CORPORATION Huntsville Alabama	1,527 * 1,527
456	ORLANDO TECHNOLOGY INC Orlando Florida Shalimar Florida	S 1,608 * 1,370 238	476	M S B SYSTEMS INC Westport Conn	S 1,522 * 1,522
457	POLAR RESEARCH LABORATORY INC Carpinteria California Santa Barbara California	S 1,603 * 680 923	477	FLIGHT SYSTEMS INC Camarillo California Mojave California Newport Beach California Holloman AFB New Mexico	1,514 * 106 124 797 487
458	MC MULLEN JOHN J ASSOCIATES New York New York Arlington Virginia	1,600 * 1,300 300	479	U T D INC Alexandria Virginia	S 1,497 * 1,497
459	TERRA TEK INC Albuquerque New Mexico Salt Lake City Utah	S 1,581 * 54 1,527	480	FALK CORPORATION THE Milwaukee Wisconsin	1,477 * 1,477
460	PALL CORPORATION Ocala Florida	S 1,578 * 1,578	482	ARMTEC DEFENSE PRODUCTS INC Coachella California	1,471 * 1,471
461	WALLACE & CO Hilton Head Is S Carolina	S 1,573 * 1,573	484	SONALYSTS INC New London Conn New London Nav Conn Waterford Conn Virginia Beach Virginia	S 1,468 * 504 99 771 94
462	KARAGOZIAN & CASE Los Angeles California South Pasadena California	S 1,569 * 999 570	486	OLIN CORPORATION Stanford Conn East Alton Illinois	1,464 * 50 1,414
463	GULF & WESTERN INDUSTRIES INC Anaheim California Swarthmore Penn	1,566 * 66 1,500	487	ALPHATECH INC Burlington Mass	S 1,460 * 1,460
464	ELECTROMAGNETIC TECHNOLOGY INC Walter Reed AM Maryland Burke Virginia Springfield Virginia	1,564 * 169 1,086 309			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 2. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Business Firms: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
488	SCIENTIFIC-ATLANTA INC San Diego California Norcross Georgia	1,451 * 1,206 245			
489	NATIONAL TECHNICAL SYSTEMS INC Los Angeles California Redondo Beach California	S 1,449 * 88 1,361			
490	URS-BERGER San Bernardino California	1,446 * 1,446			
491	RAYTHEON SERVICE COMPANY Burlington Mass White Sands Ms New Mexico Wright Patters Ohio Arlington Virginia	1,438 * 408 415 548 67			
492	INTERACTIVE TELEVISION CO Arlington Virginia	S 1,413 * 1,413			
493	FLAM & RUSSELL INC Verona New York Horsham Penn	S 1,405 * 543 862			
494	DIGICOMP RESEARCH CORP Ithaca New York	S 1,403 * 1,403			
495	GENSOFT CORPORATION Pittsburgh Penn	S 1,400 * 1,400			
496	MNEMONICS INC Melbourne Florida	1,396 * 1,396			
497	PRESEARCH INCORPORATED Panama City Florida Oak Ridge Tennessee Arlington Virginia Fairfax Virginia	S 1,382 * 120 48 170 1,044			
498	INTERCON SYSTEMS CORPORATION Dairy Valley California Landover Maryland	S 1,375 * 936 439			
499	C N R INC Needham Mass	S 1,373 * 1,373			
500	KETRON INC Washington D.C. Baltimore Maryland Wayne Penn Arlington Virginia	S 1,369 * 30 429 776 134			
		15,958,932			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
14	MASSACHUSETTS INST TECHNOLOGY Stonington Conn Washington D.C. Boston Mass Cambridge Mass Lexington Mass	360,104 * 71 105 219 38,068 321,641	76	CARNEGIE MELLON UNIVERSITY Pittsburgh Penn	29,511 * 29,511
17	DRAPER CHARLES STARK LAB Cambridge Mass	305,238 * 305,238	79	RAND CORPORATION THE Los Angeles California Santa Monica California	27,252 * 3,327 23,925
18	JOHNS HOPKINS UNIVERSITY Baltimore Maryland Laurel Maryland	304,310 * 4,866 299,444	81	UNIVERSITY OF SOUTHERN CAL Los Altos California Los Angeles California Pasadena California San Diego California	25,891 * 102 25,246 468 75
19	AEROSPACE CORPORATION THE El Segundo California	291,520 * 291,520	82	BATTIELLE MEMORIAL INSTITUTE Anniston Alabama Birmingham Alabama Huntsville Alabama Phoenix Arizona Atherton California Goleta California Los Angeles California Monrovia California Monterey California Palos Verdes E California Placentia California Pleasanton California Poway California San Diego California San Dimas California San Francisco California San Mateo California San Rafael California Santa Barbara California Thousand Oaks California Storrs Conn Frederica Delaware Washington D.C. Gainesville Florida Melbourne Florida Orlando Florida Saint Petersburg Florida Atlanta Georgia Northbrook Illinois Lawrence Kansas Manhattan Kansas New Orleans Louisiana Aberdeen Prov Maryland Baltimore Maryland Bel Air Maryland College Park Maryland Laurel Maryland Rockville Maryland Silver Spring Maryland Andover Mass Billerica Mass Cambridge Mass Wilmington Mass Warren Michigan Minneapolis Minnesota St. Paul Minnesota Oxford Miss St. Louis Missouri Nashua N.H. Dover New Jersey Piscataway New Jersey Shrewsbury New Jersey Las Cruces New Mexico Los Alamos New Mexico Albany New York Melville New York New York New York Troy New York Chapel Hill N Carolina Durham N Carolina Raleigh N Carolina	25,631 * 49 69 34 48 38 37 319 116 46 26 43 30 29 146 72 54 26 37 75 48 39 126 49 36 25 27 46 85 40 42 330 50 180 51 44 35 44 45 58 39 35 106 50 39 97 72 40 26 38 72 34 28 54 27 55 34 46 25 51 38 49
21	MITRE CORPORATION THE Bedford Mass McLean Virginia	260,995 * 260,092 903			
51	UNIVERSITY OF CALIFORNIA Dogpatch Arkansas Berkeley California Davis California Irvine California Long Beach California Los Altos California Los Angeles California Placentia California Rio Oso California Riverside California Sacramento California San Diego California San Francisco California Santa Barbara California Santa Cruz California Wright Patters Ohio Merion Station Penn	57,558 * 139 20,307 633 2,711 956 254 6,559 12,673 45 298 65 2,508 1,335 4,215 444 4,368 48			
58	SRI INTERNATIONAL Menlo Park California San Diego California	51,490 * 50,490 1,000			
61	I I T RESEARCH INSTITUTE Washington D.C. Chicago Illinois Lanham Maryland Rome New York	45,701 * 95 45,408 113 85			
63	INSTITUTE FOR DEF ANALYSES Alexandria Virginia	42,838 * 42,838			
68	UNIVERSITY OF TEXAS SYSTEM Arlington Texas Austin Texas Dallas Texas El Paso Texas Galveston Texas Houston Texas Richardson Texas San Antonio Texas	39,871 * 269 37,961 36 125 291 106 569 514			
71	GEORGIA TECH RESEARCH CORP Athens Georgia Atlanta Georgia	35,951 * 92 35,860			
74	STANFORD LELAND JR UNIVERSITY Los Angeles California Menlo Park California Palo Alto California Stanford California	32,716 * 984 228 600 30,904			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business



**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000 for RDT&E to Educational and Nonprofit Institutions: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
	PAITER MEMORIAL INSTITUTE		139	WOODS HOLE OCEANOGRAPHIC INSTN	11,548 *
	Research Triana N. Carolina	565		Woods Hole Mass	11,548
	Rebus Ohio	19,056	141	UNIVERSITY OF MARYLAND INC	11,307 *
	Rebus Ohio	102		Baltimore Maryland	685
	Rebusburg Ohio	31		College Park Maryland	10,273
	Rebusburg Penn.	31		Solomons Maryland	203
	Rebusburg Penn.	50		GERMAN FRG	146
	Rebusburg Penn.	26	157	ENVIRONMENTAL RES INST MICH	9,844 *
	Rebusburg Penn.	162		Ann Arbor Michigan	9,844
	Rebusburg Penn.	44	164	LOGISTICS MANAGEMENT INST	8,996 *
	Rebusburg Penn.	31		Bethesda Maryland	8,996
	Rebusburg Penn.	106	168	UNIVERSITY OF WISCONSIN SYS	8,633 *
	Rebusburg Penn.	41		Madison Wisconsin	8,462
	Rebusburg Penn.	50		Milwaukee Wisconsin	171
	Rebusburg Penn.	32	170	NATIONAL ACADEMY OF SCIENCES	8,560 *
	Rebusburg Penn.	72		Washington D.C.	8,452
	Rebusburg Penn.	29		White Sands Ms New Mexico	108
	Rebusburg Penn.	235	190	CORNELL UNIVERSITY	7,195 *
	Rebusburg Penn.	50		Ithaca New York	6,139
	Rebusburg Penn.	90		Ithaca College New York	127
	Rebusburg Penn.	44		New York New York	929
	Rebusburg Penn.	144	195	TRUSTEES OF COLUMBIA UNIV	6,748 *
	Rebusburg Penn.	32		Washington D.C.	70
	Rebusburg Penn.	582		New York New York	5,207
	Rebusburg Penn.	75		Palisades New York	1,471
	Rebusburg Penn.	120	200	UNIVERSITY OF PENNSYLVANIA	6,290 *
84	PENNSYLVANIA STATE UNIVERSITY	24,848 *		Philadelphia Penn	6,242
	Rebusburg Penn.	315		State College Penn	48
	Rebusburg Penn.	7,599	208	MASSACHUSETTS UNIVERSITY OF	6,141 *
	Rebusburg Penn.	16,934		Amsbury Mass	125
86	PENNSYLVANIA STATE UNIVERSITY	23,498 *		Amherst Mass	5,610
	Rebusburg Penn.	23,498		Worcester Mass	406
93	UNIVERSITY OF DAYTON	18,743 *	211	UNIVERSITY OF MICHIGAN	5,994 *
	Williams AFB Arizona	2,988		Ann Arbor Michigan	5,994
	Edwards AFB California	820	213	CALIFORNIA INST TECHNOLOGY	5,951 *
	Dayton Ohio	9,154		Pasadena California	5,951
	Bright Patterns Ohio	5,781	218	HUMAN RESOURCES RES ORGANIZTN	5,678 *
104	UNIVERSITY OF WASHINGTON	17,739 *		Alexandria Virginia	5,678
	St. Louis Missouri	979	221	SOUTHEASTERN CNT ELEC ENG EDUC	5,576 *
	Richland Washington	368		Auburn Alabama	85
	Seattle Washington	16,392		Saint Cloud Florida	3,859
106	ANALYTIC SERVICES INC	17,000 *		Lexington-Faye Kentucky	648
	Arlington Virginia	17,000		Las Vegas Nevada	75
114	NEW MEXICO STATE UNIVERSITY	15,630 *		Durham N.H.	304
	Las Cruces New Mexico	4,277		Potsdam New York	261
	White Sands Ms New Mexico	11,353		Rochester New York	100
119	UNIVERSITY OF NEW MEXICO THE	14,887 *		Hershey Penn	30
	Albuquerque New Mexico	1,117		Austin Texas	104
	Albion AFB New Mexico	13,770		San Antonio Texas	110
121	SOUTHERN PLASMA INSTITUTE	14,342 *	222	UNIVERSITY OF FLORIDA	5,550 *
	Arlington Texas	244		Gainesville Florida	5,450
	Dallas Texas	124	223	YALE UNIVERSITY	5,407 *
	San Antonio Texas	13,884		New Haven Conn	5,407
	San Diego Texas	90	224	THE SALK INST P/IOLOGICAL STD	5,403 *
128	UTAH STATE UNIVERSITY	13,378 *		San Diego California	286
	Logan Utah	12,931		Swiftwater Penn	5,197
	Logan Lake City Utah	447			
136	UNIVERSITY OF MINNESOTA	11,942 *			
	Minneapolis Minn	2,358			
	Minneapolis Minn	3,765			
	Minneapolis Minn	5,819			

Major Amount (Large letters exceed New Awards)  
Small letters

**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
228	SOUTHERN RESEARCH INSTITUTE Birmingham Alabama	5,323 *	286	BROWN UNIV Hanover Penn Providence RHODE IS	3,530 * 99 3,431
235	UNIVERSITY OF UTAH Urbana Illinois Indianapolis Indiana Cambridge Mass Fargo N Dakota Salt Lake City Utah	5,197 * 98 68 295 30 4,706	290	NEW YORK UNIVERSITY New York New York	3,417 * 3,417
248	HARVARD UNIVERSITY Cambridge Mass	4,637 * 4,637	291	UNIVERSITY OF RHODE ISLAND Kingston RHODE IS	3,413 * 3,413
250	PENNSYLVANIA UNIVERSITY Morrisville New Jersey Princeton New Jersey	4,555 * 217 4,339	299	UNIVERSITY OF MIAMI INC Coral Gables Florida Miami Florida	3,124 * 1,230 974
254	BATTIE-COLUMBUS LABORATORS Columbus Ohio	4,374 * 4,374	300	WENTWORTH INST TECHNOLOGY Boston Mass	3,139 * 3,139
255	TEXAS A & M UNIVERSITY SYSTEM Vicksburg Miss Arlington Texas Clyde Texas College Station Texas	4,366 * 30 500 40 3,796	301	UNIVERSITY OF COLORADO Boulder Colorado Colorado Sprin Colorado Denver Colorado Fort Collins Colorado	3,164 * 2,121 409 97 41
256	STANFORD RES. INSTITUTE Menlo Park California	4,237 * 4,237	302	NORTH CAROLINA STATE UNIV Greensboro N Carolina Raleigh N Carolina	3,112 * 40 3,112
259	RIVERSIDE RESEARCH INSTITUTE Monteville Alabama Bedford Mass New York New York	4,213 * 40 237 3,935	304	UNIVERSITY OF PITTSBURGH Washington D.C. Pittsburgh Penn	3,143 * 40 3,113
260	VIRGINIA POLYTECHNIC INST Blacksburg Virginia	4,197 * 4,197	326	OREGON STATE UNIVERSITY Corvallis Oregon	2,965 * 2,969
263	TRUSTEES COLUMBIA UNVRSTY New York New York	4,126 * 4,126	332	NEW MEXICO INST MNG & TECHNOLOGY Stinson Lake N.H. Socorro New Mexico	2,916 * 46 2,910
264	GEORGIA INSTITUTE TECHNOLOGY Atlanta Georgia	4,088 * 4,088	334	OHIO STATE UNIVERSITY RESRCH Columbus Ohio	2,919 * 2,909
266	PENNSYLVANIA POLYTECHNIC INST Pottsville New York Troy New York	4,051 * 50 4,001	337	UNIVERSITY OF IOWA INC THE Iowa City Iowa	2,876 * 2,876
269	SYRACUSE RESEARCH CORP Syracuse New York	3,967 * 3,967	341	RESEARCH FOUNDATN ST UNIVER NY Albany New York Binghamton New York Buffalo New York Stony Brook New York	2,551 * 1,523 40 226 143
270	PURDUE UNIVERSITY Lafayette Indiana West Lafayette Indiana	3,935 * 1,254 2,681	342	GEORGETOWN UNIVERSITY Washington D.C.	2,544 * 2,544
274	UNIVERSITY OF ARIZONA Tucson Arizona	3,911 * 3,911	343	CASE WESTERN RESRV UNVRSTY Cincinnati Ohio Cleveland Ohio Columbus Ohio Pittsburgh Penn	2,511 * 1,510 1,510 1,510 1,510
277	UNIVERSITY OF ROCHESTER Rochester New York Alexandria Virginia	3,708 * 1,713 2,005	348	NORTHEASTERN UNIVERSITY Boston Mass	2,501 * 2,501
278	BOSTON UNIVERSITY TRUSTEES Boston Mass D. J. Hanstrom Mass	3,691 * 2,691 40	349	ARIZONA STATE UNIVERSITY Tempe Arizona	2,491 * 2,491
279	RESEARCH TRIANGLE INSTITUTE Durham North Carolina Research Triangle North Carolina	3,685 * 40 3,645	352	OKLAHOMA STATE UNIV Stillwater Oklahoma Stillwater Oklahoma	2,481 * 1,481 1,000
282	UNIVERSITY OF MINNESOTA Duluth Minnesota Minneapolis Minnesota St. Paul Minnesota	3,611 * 40 400 2,571	354	EMMAUS COLLEGE Emmaus Penn D. J. Hanstrom Mass	2,471 * 1,471 1,000

\* = Multiple Award (Cumulative Total Award)  
S = Small Business

**Table 3. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Educational and Nonprofit Institutions: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
356	POLYTECHNIC INSTITUTE OF NY Farmingdale New York New York New York	2,413 * 506 1,907			
368	UNIVERSITY OF HAWAII Honolulu Hawaii Pearl City Hawaii	2,329 * 2,105 224			
371	NORTHWESTERN UNIVERSITY Evanston Illinois	2,268 * 2,268			
387	MAYO FOUNDATION Rochester Minnesota	2,128 * 2,128			
392	MICHIGAN STATE UNIVERSITY East Lansing Michigan Lansing Michigan	2,075 * 2,035 40			
406	UNIVERSITY OF NORTH CAROLINA Chapel Hill N Carolina Wilmington N Carolina	1,999 * 1,939 60			
410	AUBURN UNIVERSITY Auburn Alabama	1,972 * 1,972			
411	LEHIGH UNIVERSITY Bethlehem Penn	1,962 * 1,962			
418	DUKE UNIVERSITY Beaufort N Carolina Durham N Carolina	1,929 * 114 1,815			
420	SYRACUSE UNIVERSITY Syracuse New York	1,922 * 1,922			
424	LA JOLLA INSTITUTE Placentia California San Diego California Rockville Maryland	1,880 * 504 1,262 114			
439	UNIVERSITY OF ALABAMA Birmingham Alabama Huntsville Alabama Tuscaloosa Alabama Tuskegee Alabama	1,715 * 277 787 500 151			
467	FLORIDA STATE UNIVERSITY Tallahassee Florida	1,562 * 1,562			
485	RUTGERS THE STATE UNIVERSITY Edison New Jersey New Brunswick New Jersey Piscataway New Jersey	1,467 * 49 906 512			
		2,395,536			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 4. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to Foreign Contractors: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
80	CANADIAN COMMERCIAL CORPORATN CANADA EGYPT	26,809 * 26,611 198			
201	UNITED KINGDOM MINISTRY DEFE UN KINGDOM	6,281 * 6,281			
232	MARTIN-BAKER AIRCRAFT CO LTD UN KINGDOM	5,234 * 5,234			
240	ROYAL NORWEGIAN NAVY MATERIAL NORWAY	5,000 * 5,000			
267	A S CONGSBERG FABRIKK NORWAY	4,040 * 4,040			
317	G E C AVIONICS LTD UN KINGDOM	2,947 * 2,947			
403	HECKLER & KOCH INC GERMAN FRG	2,001 * 2,001			
441	CONTROL DATA CANADA LIMITED CANADA	1,698 * 1,698			
481	ISRAEL MILITARY INDUSTRIES ISRAEL	1,476 * 1,476			
		55,486			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

**Table 5. Net Value of DOD Prime Contract Awards Over \$25,000  
for RDT&E to U.S. Government Agencies: FY 1985**

Rank	Name of Contractor and Location	Thousands of Dollars	Rank	Name of Contractor and Location	Thousands of Dollars
163	NAT AERONAUTICS & SPACE ADMIN Washington D.C.	9,148 * 9,148			
333	U S DEPARTMENT OF COMMERCE	2,700 *			
	Boulder Colorado	1,120			
	Washington D.C.	1,196			
	Gaithersburg Maryland	95			
	Rockville Maryland	96			
	Seattle Washington	193			
344	UNITED STATES DEPT ENERGY	2,540 *			
	Oakland California	487			
	Washington D.C.	90			
	Idaho Falls Idaho	90			
	Argonne Illinois	55			
	Albuquerque New Mexico	794			
	Los Alamos New Mexico	855			
	Oak Ridge Tennessee	169			
436	NATIONAL SCIENCE FOUNDATION	1,764 *			
	Washington D.C.	1,764			
478	NATIONAL BUREAU OF STANDARDS	1,500 *			
	Rockville Maryland	1,500			
483	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	1,471 *			
	Huntsville Alabama	1,471			
		19,123			

- = Minus Amount (Cancellations Exceed New Awards)  
S = Small Business

END  
FILMED

4-86

DTIC